BIBLIOGRAPHY
OF
DOCTORAL DISSERTATIONS
1970-75

BIOLOGICAL SCIENCES

ASSOCIATION OF INDIAN UNIVERSITIES
NEW DELHI
1980

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PREFACE

This is the first supplement to the Bibliography of Doctoral Dissertations 1857-1970. It lists doctoral dissertations accepted by Indian Universities in the fields of Biological Sciences during the period July 1970 to June 1975. The general get up and the scheme of presentation is the same as was followed in the earlier volumes. We are sure the academic community will receive this bibliography with the same enthusiasm that it accorded to the earlier volumes.

Amrik Singh
Secretary
Association of Indian Universities

New Delhi
September 25, 1980

CONTENTS

Conspectus	vii
Alphabetic Subject Index	xlv
Abbreviations	lv
Palaeontology	1
Anthropology	3
Biology	7
Botany	24
Zoology	96
Medical Sciences	181
Agriculture	226
Animal Husbandry	362
Scholar Index	389

CONSPECTUS

This bibliography lists 3,541 theses accepted during the year 1970-75 by the Indian Universities for doctoral degrees in the subjects of Biological Sciences. These have been classified by the Dewey Decimal Classification (18th Edition) and this governs their general arrangement.

Each entry lists detailed particulars about the theses in the following order : Serial number, name of the scholar, title of the thesis, name of the university/institute, the year when research was begun and completed, and availability note. Unless otherwise stated immediately after the title, the theses have been accepted for the award of Ph. D. degree.

Abbreviations have been used to render the names of the various universities/institutes and a complete list of these abbreviations and their expansions follows the conspectus. For theses, where the information about the year when the research was begun, was not available, only the year of award of the degree has been given. Availability note provides information about the availability of theses for consultation and use by the research scholars. Unless indicated by one or two asterisks to the serial number, a copy of each of the thesis listed is available in the respective university/institute library. The thesis is available in the university/institute office when the serial number is marked by one asterisk but when the serial number is marked by two asterisks it denotes that the theses is not available.

An alphabetic subject index and a scholar index are included to facilitate reference. The scholar index is arranged alphabetically according to the surnames of the scholars. But an important departure from strict alphabetization consists in grouping the surnames pronounced alike. For instance, Misra and Mishra are grouped together and these are arranged in the

alphabetical order of their initials. The index directs the user to the text with the help of the running serial number of the entries.

Statistical tables, that follow immediately, describe in quantitative terms the development of Biological Sciences and their respective departments in the universities. It is hoped these will be found useful by the researchers in the field. It may, however, be added that the theses listed pertain to the subject of study, no matter under which department of the university the scholar was registered.

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-I

Subject- and year-wise distribution of Dissertations in Biological Sciences accepted by Indian Universities during July 1970-June 1975

Subject	1970	1971	1972	1973	1974	1975	*Total*
Agriculture	119	101	322	187	281	197	1207
Animal Husbandry	9	35	36	57	57	51	245
Anthropology	2	4	6	6	5	6	29
Biology	14	25	30	31	62	15	177
Botany	37	144	127	155	176	81	720
Medical Sciences	29	69	66	87	105	32	388
Palaeontology	1	1	3	6	3	2	16
Zoology	48	147	123	161	196	84	759
Total	259	526	713	690	885	468	3541

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-II

University- and year-wise distribution of Dissertations in Biological Sciences accepted by Indian Universities during July 1970-June 1975

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
A.I.I.M.S., Delhi	1	7	4	15	8	6	41
Agra	33	49	48	57	26	23	236
Agrl. Sc., Bangalore	—	1	5	9	3	4	22
Aligarh	—	12	8	10	13	—	43
Allahabad	5	8	8	5	12	5	43
Andhra	3	4	7	4	6	1	25
Annamalai	3	3	6	5	1	—	18
Awadhesh Pratap Singh	—	—	2	5	1	1	9
B.I.T.S., Pilani	2	6	1	3	4	1	17
Banaras	5	50	51	50	76	—	232

Bangalore	—	4	1	9	7	5	26
Baroda	—	—	—	9	14	4	27
Bhagalpur	1	1	6	11	3	1	23
Bhopal	—	—	—	—	—	2	2
Bidhan Chandra Krishi	—	—	—	—	—	7	7
Bihar	3	4	4	1	3	8	23
Bombay	2	25	30	20	38	19	134
Burdwan	—	7	3	6	4	1	21
Calcutta	48	60	68	75	105	16	372
Calicut	—	—	—	—	1	3	4
Cochin	—	—	1	—	3	—	4
Delhi	—	18	15	16	18	24	91
Dibrugarh	—	—	—	—	1	1	2
Gauhati	—	2	2	3	2	2	11
Gujarat	—	—	—	—	4	4	8

(*Contd.*)

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-II (*Contd.*)

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Gujarat Agrl.	4	6	3	4	2	4	23
Haryana Agrl.	2	13	9	23	40	28	115
I.A.R.I., Delhi	83	—	186	6	86	82	443
I.I.Sc., Bangalore	3	20	7	11	15	6	62
I.I.T., Kharagpur	3	7	8	—	20	—	38
I.S.I., Calcutta	—	1	—	1	—	—	2
Indore	1	6	4	12	5	1	29
J.N. Krishi	—	—	—	—	1	—	1
Jabalpur	—	4	—	8	4	3	19
Jadavpur	2	1	—	1	3	2	9
Jammu	1	—	—	2	—	—	3

Jawaharlal Nehru	—	—	—	—	—	1	1
Jiwaji	1	—	1	2	2	1	7
Jodhpur	—	—	—	5	2	—	7
Kalyani	1	10	5	9	17	3	45
Kanpur	1	4	15	16	22	12	70
Karnatak	—	1	—	6	7	3	17
Kashmir	7	7	5	1	3	—	23
Kerala	7	2	7	13	13	1	43
Konkan Krishi	—	—	—	1	2	1	4
Kurukshetra	—	—	—	1	2	1	4
Lucknow	—	6	8	6	—	5	25
Madras	3	23	17	24	15	5	87
Madurai	—	3	1	11	3	—	18
Magadh	—	—	1	4	3	—	8
Mahatma Phule Krishi	2	1	5	2	3	1	14

(Contd.)

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-II (*Contd.*)

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Marathwada	1	7	5	16	22	5	56
Meerut	3	4	1	15	11	14	48
Mysore	2	1	1	2	11	4	21
Nagpur	7	—	14	16	13	11	61
North Bengal	—	—	—	—	2	—	2
Orissa Agrl.	—	—	1	1	2	—	4
Osmania	—	5	2	12	14	1	34
P.G.I.M.E.R., Chandigarh	—	1	1	2	7	—	11
Panjab	1	27	26	22	25	9	110
Pant Agrl.	3	15	10	18	19	9	74
Patel	—	11	2	2	4	1	20
Patna	—	8	5	5	8	—	26

Poona	—	2	2	3	11	6	24
Punjab Agrl.	—	15	14	30	34	39	132
Punjabrao Krishi	—	4	3	1	4	9	21
Rajasthan	—	15	15	11	15	—	56
Ranchi	3	4	2	1	6	4	20
Ravishankar	—	3	—	4	5	2	14
Saugar	3	5	9	3	6	10	36
Saurashtra	—	2	1	1	2	1	7
Shivaji	2	4	4	1	3	7	21
South Gujarat	—	—	2	—	1	—	3
Tamilnadu Agrl.	—	—	11	8	7	7	33
Udaipur	—	10	17	22	14	24	87
Venkateswara	3	2	5	3	7	2	22
Vikram	2	4	8	9	9	4	36
Visva-Bharati	2	1	—	—	—	1	4
Total	259	526	713	690	885	468	3541

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-III

University- and subject-wise distribution of Dissertations in Biological Sciences accepted by Indian Universities during July 1970-June 1975

University/Institute	*Agriculture*	*Animal Husbandry*	*Anthropology*	*Biology*	*Botany*	*Medical Sciences*	*Palaeontology*	*Zoology*	*Total*
A.I.I.M.S., Delhi	—	—	—	—	—	41	—	—	41
Agra	60	70	—	9	43	10	—	44	236
Agrl. Sc., Bangalore	20	2	—	—	—	—	—	—	22
Aligarh	—	—	—	6	9	1	1	26	43
Allahabad	2	—	—	2	23	1	—	15	43
Andhra	—	—	2	5	5	3	—	10	25
Annamalai	9	—	—	3	—	—	—	6	18
Awadhesh Pratap Singh	—	—	—	—	5	—	—	4	9

B.I.T.S., Pilani	—	—	—	1	7	1	—	8	17
Banaras	81	—	—	4	61	47	—	39	232
Bangalore	—	1	—	1	1	3	—	20	26
Baroda	1	—	1	3	9	8	—	5	27
Bhagalpur	15	—	—	—	1	—	—	7	23
Bhopal	—	—	—	—	—	—	—	2	2
Bidhan Chandra Krishi	6	1	—	—	—	—	—	—	7
Bihar	11	—	—	—	4	1	—	7	23
Bombay	3	1	—	23	29	52	—	26	134
Burdwan	—	—	—	—	15	—	—	6	21
Calcutta	39	1	8	39	90	112	2	81	372
Calicut	—	3	—	—	1	—	—	—	4
Cochin	—	—	—	4	—	—	—	—	4
Delhi	—	—	8	—	23	24	—	36	91
Dibrugarh	—	—	2	—	—	—	—	—	2

(*Contd.*)

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-III (*Contd.*)

University/Institute	*Agriculture*	*Animal Husbandry*	*Anthropology*	*Biology*	*Botany*	*Medical Sciences*	*Palaeontology*	*Zoology*	*Total*
Gauhati	3	—	—	1	6	—	—	1	11
Gujarat	—	—	—	—	4	2	—	2	8
Gujarat Agrl.	12	11	—	—	—	—	—	—	23
Haryana Agrl.	65	48	—	—	1	—	—	1	115
I.A.R.I., Delhi	443	—	—	—	—	—	—	—	443
I.I.Sc., Bangalore	—	—	—	23	16	14	—	9	62
I.I.T., Kharagpur	32	2	—	—	4	—	—	—	38
I.S.I., Calcutta	—	—	—	—	1	1	—	—	2

Indore	—	—	—	—	1	—	2	26	29
J.N. Krishi	1	—	—	—	—	—	—	—	1
Jabalpur	—	—	—	—	11	—	1	7	19
Jadavpur	—	—	—	2	1	6	—	—	9
Jammu	—	—	—	—	2	—	—	1	3
Jawaharlal Nehru	—	—	—	—	1	—	—	—	1
Jiwaji	—	—	—	1	4	—	—	2	7
Jodhpur	—	—	—	—	3	—	—	4	7
Kalyani	24	1	—	—	11	—	—	9	45
Kanpur	59	1	—	—	7	—	—	3	70
Karnatak	2	—	—	—	8	—	—	7	17
Kashmir	—	—	—	2	9	—	—	12	23
Kerala	1	1	—	11	6	6	—	18	43
Konkan Krishi	—	4	—	—	—	—	—	—	4
Kurukshetra	—	—	—	—	4	—	—	—	4

(Contd.)

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-III (*Contd*)

University/Institute	*Agriculture*	*Animal Husbandry*	*Anthropology*	*Biology*	*Botany*	*Medical Sciences*	*Palaeontology*	*Zoology*	*Total*
Lucknow	—	—	1	2	7	—	2	13	25
Madras	4	11	—	11	28	13	—	20	87
Madurai	—	1	—	2	5	—	—	10	18
Magadh	—	6	—	—	—	—	—	2	8
Mahatma Phule Krishi	11	3	—	—	—	—	—	—	14
Marathwada	4	—	—	—	17	1	—	34	56
Meerut	13	—	—	—	14	—	—	21	48
Mysore	—	—	—	—	10	—	—	11	21
Nagpur	—	—	—	6	15	3	5	32	61

North Bengal	—	—	—	—	—	—	—	2	2
Orissa Agrl.	3	1	—	—	—	—	—	—	4
Osmania	4	—	—	7	10	1	1	11	34
P.G.I.M.E.R., Chandigarh	—	—	—	1	—	9	—	1	11
Panjab	10	23	3	4	27	11	—	32	110
Pant Agrl.	61	13	—	—	—	—	—	—	74
Patel	—	—	—	—	18	—	—	2	20
Patna	—	—	—	—	10	4	—	12	26
Poona	—	—	—	1	12	1	—	10	24
Punjab Agrl.	97	23	—	—	10	—	—	2	132
Punjabrao Krishi	16	5	—	—	—	—	—	—	21
Rajasthan	—	—	—	—	27	3	—	26	56
Ranchi	7	—	—	—	11	—	—	2	20
Ravishankar	—	—	—	—	7	—	1	6	14
Saugar	1	—	4	—	14	8	—	9	36
Saurashtra	—	—	—	—	7	—	—	—	7
Shivaji	—	—	—	—	9	—	1	11	21

(Contd.)

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-III (*Contd.*)

University/Institute	*Agriculture*	*Animal Husbandry*	*Anthropology*	*Biology*	*Botany*	*Medical Sciences*	*Palaeontology*	*Zoology*	*Total*
South Gujarat	3	—	—	—	—	—	—	—	3
Tamilnadu Agrl.	32	—	—	—	1	—	—	—	33
Udaipur	50	12	—	1	16	—	—	8	87
Venkateswara	1	—	—	—	6	—	—	15	22
Vikram	—	—	—	1	13	1	—	21	36
Visva-Bharati	1	—	—	1	—	—	—	2	4
Total	1207	245	29	177	720	388	6	759	3541

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV
AGRICULTURE

University- and year-wise distribution of Dissertations accepted by Indian Universities during July 1970-June 1975

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Agra	14	8	12	16	6	4	60
Agrl. Sc., Bangalore	—	1	4	8	3	4	20
Allahabad	1	—	—	1	—	—	2
Annamarai	1	—	5	3	—	—	9
Banaras	—	16	16	19	30	—	81
Baroda	—	—	—	—	1	—	1
Bhagalpur	1	—	4	9	1	—	15
Bidhan Chandra Krishi	—	—	—	—	—	6	6
Bihar	1	2	1	1	1	5	11
Bombay	—	—	—	1	1	1	3
Calcutta	5	7	14	5	4	4	39

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV (*Contd.*)

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Gauhati	—	2	—	—	1	—	3
Gujarat Agrl.	3	4	1	2	1	1	12
Haryana Agrl.	—	5	7	4	25	14	65
I.A.R.I., Delhi	83	—	186	6	86	82	443
I.I.T., Kharagpur	2	7	7	—	16	—	32
J.N. Krishi	—	—	—	—	1	—	1
Kalyani	—	5	1	7	11	—	24
Kanpur	1	4	14	14	16	10	59
Karnatak	—	—	—	—	1	1	2
Kerala	—	—	—	1	—	—	1
Madras	—	3	—	—	1	—	4
Mahatma Phule Krishi	1	1	3	2	3	1	11
Marathwada	—	—	1	2	—	1	4

Meerut	—	—	—	5	3	5	13
Orissa Agrl.	—	—	1	1	1	—	3
Osmania	—	—	—	2	1	1	4
Panjab	—	3	2	4	1	—	10
Pant Agrl.	1	14	7	18	13	8	61
Punjab Agrl.	—	9	12	25	30	21	97
Punjabrao Krishi	—	4	3	—	3	6	16
Ranchi	3	—	—	1	3	—	7
Saugar	1	—	—	—	—	—	1
South Gujarat	—	—	2	—	1	—	3
Tamilnadu Agrl.	—	—	11	7	7	7	32
Udaipur	—	6	7	13	9	15	50
Venkateswara	—	—	1	—	—	—	1
Visva-Bharati	1	—	—	—	—	—	1
Total	119	101	322	187	281	197	1207

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV

ANIMAL HUSBANDRY

University- and year-wise distribution of Dissertations accepted by Indian Universities during July 1970-June 1975

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Agra	3	12	14	23	11	7	70
Agrl. Sc., Bangalore	—	—	1	1	—	—	2
Bangalore	—	—	—	—	1	—	1
Bidhan Chandra Krishi	—	—	—	—	—	1	1
Bombay	—	—	1	—	—	—	1
Calcutta	—	1	—	—	—	—	1
Calicut	—	—	—	—	1	2	3
Gujarat Agrl.	1	2	2	2	1	3	11
Haryana Agrl.	2	8	2	9	15	12	48
I.I.T., Kharagpur	—	—	—	—	2	—	2
Kalyani	—	—	—	—	1	—	1
Kanpur	—	—	—	—	—	1	1

Kerala	—	—	—	1	—	—	1
Konkan Krishi	—	—	—	1	2	1	4
Madras	—	2	2	5	2	—	11
Madurai	—	—	—	1	—	—	1
Magadh	—	—	—	3	3	—	6
Mahatma Phule Krishi	1	—	2	—	—	—	3
Orissa Agrl.	—	—	—	—	1	—	1
Panjab	—	4	4	6	5	4	23
Pant Agrl.	2	1	3	—	6	1	13
Punjab Agrl.	—	3	2	3	2	13	23
Punjabrao Krishi	—	—	—	1	1	3	5
Udaipur	—	2	3	1	3	3	12
Total	9	35	36	57	57	51	245

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV
ANTHROPOLOGY

University- and year-wise distribution of Dissertations accepted by Indian Universities during July 1970-June 1975

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Andhra	—	—	—	1	1	—	2
Baroda	—	—	—	—	1	—	1
Calcutta	1	1	1	4	1	—	8
Delhi	—	1	2	1	—	4	8
Dibrugarh	—	—	—	—	1	1	2
Lucknow	—	—	1	—	—	—	1
Panjab	—	2	1	—	—	—	3
Saugar	1	—	1	—	1	1	4
Total	2	4	6	6	5	6	29

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV
BIOLOGY

University- and year-wise distribution of Dissertations accepted by Indian Universities during July 1970-June 1975

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Agra	1	4	2	1	1	—	9
Aligarh	—	—	2	2	2	—	6
Allahabad	—	—	—	—	1	1	2
Andhra	2	1	2	—	—	—	5
Annamalai	2	—	—	1	—	—	3
B.I.T.S., Pilani	1	—	—	—	—	—	1
Banaras	1	—	—	1	2	—	4
Bangalore	—	—	1	—	—	—	1
Baroda	—	—	—	—	3	—	3
Bombay	1	5	4	1	9	3	23
Calcutta	2	6	5	9	15	2	39

(*Contd.*)

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV (*Contd.*)

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Cochin	—	—	1	—	3	—	4
Gauhati	—	—	—	—	—	1	1
I.I.Sc., Bangalore	1	4	3	5	9	1	23
Jadavpur	1	—	—	—	—	1	2
Jiwaji	—	—	—	1	—	—	1
Kashmir	—	1	1	—	—	—	2
Kerala	—	—	2	3	5	1	11
Lucknow	—	1	—	—	—	1	2
Madras	—	2	1	2	5	1	11
Madurai	—	—	—	2	—	—	2
Nagpur	1	—	2	1	1	1	6
Osmania	—	—	2	1	4	—	7
P.G.I.M.E.R., Chandigarh	—	—	1	—	—	—	1

Panjab	—	—	1	—	1	2	4
Poona	—	—	—	—	1	—	1
Udaipur	—	—	—		—	—	1
Vikram	—	1	—	—	—	—	1
Visva-Bharati	1	—	—	—	—	—	1
Total	14	25	30	31	62	15	177

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV
BOTANY

University- and year-wise distribution of Dissertations accepted by Indian Universities during July 1970-June 1975

University/Institute	1970	1971	1972	1973	1974	1975	Total
Agra	2	9	12	10	5	5	43
Aligarh	—	5	—	2	2	—	9
Allahabad	3	5	5	3	5	2	23
Andhra	—	—	2	1	2	—	5
Awadhesh Pratap Singh	—	—	1	3	1	—	5
B.I.T.S., Pilani	—	2	1	1	3	—	7
Banaras	1	21	16	7	16	—	61
Bangalore	—	1	—	—	—	—	1
Baroda	—	—	—	3	4	2	9
Bhagalpur	—	—	—	1	—	—	1
Bihar	2	1	1	—	—	—	4
Bombay	—	8	7	3	6	5	29

Burdwan	—	6	2	3	3	1	15
Calcutta	13	15	18	23	19	2	90
Calicut	—	—	—	—	—	1	1
Delhi	—	1	6	3	6	7	23
Gauhati	—	—	1	3	1	1	6
Gujarat	—	—	—	—	2	2	4
Haryana Agrl.	—	—	—	—	—	1	1
I.I.Sc., Bangalore	1	7	2	3	1	2	16
I.I.T., Kharagpur	1	—	1	—	2	—	4
I.S.I., Calcutta	—	—	—	1	—	—	1
Indore	—	—	1	—	—	—	1
Jabalpur	—	—	—	7	2	2	11
Jadavpur	—	—	—	—	1	—	1
Jammu	1	—	—	1	—	—	2
Jawaharlal Nehru	—	—	—	—	—	1	1
Jiwaji	1	—	—	1	1	1	4

(*Contd.*)

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV (*Contd.*)

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Jodhpur	—	—	—	3	—	—	3
Kalyani	—	3	2	—	4	2	11
Kanpur	—	—	—	2	4	1	7
Karnatak	—	1	—	4	3	—	8
Kashmir	3	3	1	1	1	—	9
Kerala	3	—	—	—	3	—	6
Kurukshetra	—	—	—	1	2	1	4
Lucknow	—	2	2	1	—	2	7
Madras	1	4	7	10	4	2	28
Madurai	—	—	1	2	2	—	5
Marathwada	—	4	3	4	4	2	17
Meerut	1	—	—	3	4	6	14
Mysore	—	—	—	1	6	3	10

Nagpur	3	—	3	5	2	2	15
Osmania	—	3	—	3	4	—	10
Panjab	—	6	5	5	9	2	27
Patel	—	9	2	2	4	1	18
Patna	—	2	2	2	4	—	10
Poona	—	1	1	3	5	2	12
Punjab Agrl.	—	3	—	1	2	4	10
Rajasthan	—	8	7	6	6	—	27
Ranchi	—	3	2	—	3	3	11
Ravishankar	—	2	—	1	3	1	7
Saugar	1	3	2	1	5	2	14
Saurashtra	—	2	1	1	2	1	7
Shivaji	—	3	1	—	3	2	9
Tamilnadu Agrl.	—	—	—	1	—	—	1
Udaipur	—	1	3	7	1	4	16
Venkateswara	—	—	1	1	3	1	6
Vikram	—	—	5	5	1	2	13
Total	37	144	27	155	176	81	720

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV
MEDICAL SCIENECS

University- and year-wise distribution of Dissertations accepted by Indian Universities during July 1970-June 1975

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
A.I.I.M.S., Delhi	1	7	4	15	8	6	41
Agra	4	1	3	—	2	—	10
Aligarh	—	—	—	1	—	—	1
Allahabad	—	—	—	—	—	1	1
Andhra	—	1	—	2	—	—	3
B.I.T.S., Pilani	—	—	—	—	1	—	1
Banaras	3	5	8	18	13	—	47
Bangalore	—	3	—	—	—	—	3
Baroda	—	—	—	4	3	1	8
Bihar	—	—	1	—	—	—	1
Bombay	1	7	13	9	17	5	52
Calcutta	15	18	17	22	36	4	112

Delhi	—	5	4	5	5	5	24
Gujarat	—	—	—	—	1	1	2
I.I.Sc., Bangalore	1	6	1	1	3	2	14
I.S.I., Calcutta	—	1	—	—	—	—	1
Jadavpur	1	1	—	1	2	1	6
Kerala	—	—	2	2	2	—	6
Madras	2	5	4	2	—	—	13
Marathwada	—	—	—	1	—	—	1
Nagpur	—	—	1	—	1	1	3
Osmania	—	—	—	1	—	—	1
P.G.I.M.E.R., Chandigarh	—	1	—	2	6	—	9
Panjab	1	1	5	1	2	1	11
Patna	—	3	—	—	1	—	4
Poona	—	—	—	—	—	1	1
Rajasthan	—	1	—	—	2	—	3
Saugar	—	2	3	—	—	3	8
Vikram	—	1	—	—	—	—	1
Total	29	69	66	87	105	32	388

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV
PALAEONTOLOGY

University- and year-wise distribution of Dissertations accepted by Indian Universities during July 1970-June 1975

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Aligarh	—	—	—	1	—	—	1
Calcutta	1	—	—	—	1	—	2
Indore	—	—	1	1	—	—	2
Jabalpur	—	—	—	—		—	1
Lucknow	—		1	—	—	—	2
Nagpur	—	—	1	3	—	1	5
Osmania	—	—	—	—	1	—	1
Ravishankar	—	—	—	1	—	—	1
Shivaji	—	—	—	—	—	1	1
Total	1	1	3	6	3	2	16

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV
ZOOLOGY

University- and year-wise distribution of Dissertations accepted by Indian Universities during July 1970-June 1975

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Agra	9	15	5	7	1	7	44
Aligarh	—	7	6	4	9	—	26
Allahabad	1	3	3	1	6	1	15
Andhra	1	2	3	—	3	1	10
Annamalai	—	3	1	1	1	—	6
Awadhesh Pratap Singh	—	—	1	2	—	1	4
B.I.T.S., Pilani	1	4	—	2	—	1	8
Banaras	—	8	11	5	15	—	39
Bangalore	—	—	—	9	6	5	20
Baroda	—	—	—	2	2	1	5
Bhagalpur	—	1	2	1	2	1	7
Bhopal	—	—	—	—	—	2	2

(*Contd.*)

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV (*Contd.*)

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Bihar	—	1	1	—	2	3	7
Bombay	—	5	5	6	5	5	26
Burdwan	—	1	1	3	1	—	6
Calcutta	11	12	13	12	29	4	81
Delhi	—	11	3	7	7	8	36
Gauhati	—	—	1	—	—	—	1
Gujarat	—	—	—	—	1	1	2
Haryana Agrl.	—	—	—	—	—	1	1
I.I.Sc., Bangalore	—	3	1	2	2	1	9
Indore	1	6	2	11	5	1	26
Jabalpur	—	4	—	1	1	1	7
Jammu	—	—	—	1	—	—	1
Jiwaji	—	—	1	—	1	—	2

Jodhpur	—	—	—	2	2	—	4
Kalyani	1	2	2	2	1	1	9
Kanpur	—	—	1	—	2	—	3
Karnatak	—	—	—	2	3	2	7
Kashmir	4	3	3	—	2	—	12
Kerala	4	2	3	6	3	—	18
Lucknow	—	2	4	5	—	2	13
Madras	—	7	3	5	3	2	20
Madurai	—	3	—	6	1	—	10
Magadh	—	—	1	1	—	—	2
Marathwada	1	3	1	9	18	2	34
Meerut	2	4	1	7	4	3	21
Mysore	2	1	1	1	5	1	11
Nagpur	3	—	7	7	9	6	32
North Bengal	—	—	—	—	2	—	2

(*Contd*).

DEVELOPMENT OF BIOLOGICAL SCIENCES IN INDIA-IV (*Contd.*)

University/Institute	1970	1971	1972	1973	1974	1975	*Total*
Osmania	—	2	—	5	4	—	11
P.G.I.M.E.R., Chandigarh	—	—	—	—	1	—	1
Panjab	—	11	8	6	7	—	32
Patel	—	2	—	—	—	—	2
Patna	—	3	3	3	3	—	12
Poona	—	1	1	—	5	3	10
Punjab Agrl.	—	—	—	1	—	1	2
Rajasthan	—	6	8	5	7	—	26
Ranchi	—	1	—	—	—	1	2
Ravishankar	—	1	—	2	2	1	6
Saugar	—	—	3	2	—	4	9
Shivaji	2	1	3	1	—	4	11

Udaipur	—	1	4	—	1	2	8
Venkateswara	3	2	3	2	4	1	15
Vikram	2	2	3	4	8	2	21
Visva-Bharati	—	1	—	—	—	1	2
Total	48	147	123	161	196	84	759

ALPHABETIC SUBJECT INDEX

AGRICULTURE 226

Agricultural Botany 251
Physiology 253
Genetics 259
Nutrition & Metabolism 257
Agricultural Chemistry 245
Agricultural Economics 228
Agricultural Engineering 236
Agricultural Extension 237
Agricultural Microbiology 247
Agricultural Physics 244
Agricultural Statistics 226
Agronomy 275
Cultivation & Harvesting 295
Special Cultivation Methods 295
Storage 295
Drainage 296
Irrigation 296
Fertilizers 297
Nitrogen Fertilizers 299
Phosphorus Fertilizers 302
Potassium Fertilizers 299
Soil Science 277
Soil Biology 294
Soil Chemistry 280
Inorganic 282
Organic 288
Soil Classification 294
Soil Erosion & its Control 294
Soil Fertility & Alkalinity 290
Soil Physics 290
Moisture & Hydromechanics 293
Crop Diseases 304
Animal Pests 313
Bacterial Diseases 307
Fungal Diseases 309
Insect Pests 316
Pest Control 324

Biological Control 331
Control Materials 325
Control Methods 325
Viral Diseases 322
Field Crops 332
Cereal Grains 332
Barley 338
Maize 337
Millet 339
Rice 341
Sorghum 340
Wheat 332
Fiber Crops 346
Cotton 346
Jute 346
Forage Crops 344
Legumes 345
Oilseed Crops 347
Sugarcane 347
Fruits 348
Anacardiaceous Fruits 351
Berries & Herbaceous Fruits 353
Citrus Fruits 349
Drupaceous Fruits 349
Grapes 353
Myrtaceous Fruits 350
Pomaceous Fruits 349
Tropical Fruits 352
Horticulture 355
Edible Fruits 357
Capsicum 359
Egg Plants 359
Melons 357
Okra 360
Squashes & Pumpkins 358
Tomatoes 358
Edible Leaves & Flowers 356
Edible Roots 355
Edible Tubers & Bulbs 355
Flowers & Ornamental Plants 360

ANIMAL HUSBANDRY 362

Breeding 362
Feeds & Applied Nutrition 366

Dairying & Dairy Products 385
Veterinary Science 370
Anatomy 371
Pharmacology 375
Physiology 373
Veterinary Medicine 376
Veterinary Surgery 384

ANTHROPOLOGY 3

Anthropometry 5
Genetics 4

BIOLOGY 7

Marine Biology 20
Marine Plants 23
Marine Zoology 21
Microbiology 17
Deleterious Microorganisms 19
Food Microbiology 19
Physiology 18
Viruses 20
Physiology 7
Biochemistry 10
Biosynthesis 16
Enzymes 15
Hormones 16
Organic Compounds 13
Alkaloids 13
Antibiotics 14
Lipids 15
Proteins 13
Vitamins 16
Biophysics 10
Metabolism 7
Nutrition 7

BOTANY 24

Cytology 74
Cytotaxonomy 80
Histology 79
Development 55

Embryology 58
Ecology 66
Economic Botany 72
Morphology 60
Circulatory Organs 63
Motor & Integumentary Organs 66
Reproductive Organs 64
Respiratory Organs 64
Pathology 49
Physiology 24
Biochemistry 42
Alkaloids 46
Antibiotics 47
Biosynthesis 48
Enzymes 47
Proteins 46
Biophysics 41
Genetics 32
Cytogenetics 33
Hybrids 36
Mutations 36
Metabolism 29
Nutrition 28
Reproduction 38
Histogenesis 41
Respiration 28
Regional Botany 81
Systematic Botany 87
Angiosperms 88
Aristolochiales 89
Asterales 89
Boraginales 89
Graminales 90
Palmales 89
Rubiales 89
Umbellales 88
Verbenales 89
Bryophyta 90
Musci 90
Pteridophyta 90
Thallophyta 90
Algae 94
Cyanophyta 95
Fungi 90
Ascomycetes 93

Deuteromycetes 94
Schizomycetes 95

MEDICAL SCIENCES 181

Anatomy 181
Cytology 181
Digestive Organs 182
Glandular Organs 182
Motor & Integumentary Organs 182
Urogenital Organs 182
Ayurvedic System 221
Basic Principles 221
Dravya Guna 222
Kaya Chikitsa 223
Prasuti Tantra 224
Shalya Shalakya 224
Experimental Medicine 220
Gynecology 219
Medicine 208
Allergies 215
Cancer 216
Diseases of Cardiovascular System 212
Diseases of Digestive System 213
Diseases of Integument 213
Diseases of Musculoskeletal System 214
Diseases of Nervous System 214
Neurology 214
Neuroses & Psychoses 214
Diseases of Respiratory System 213
Leprosy 218
Medical Microbiology 208
Bacteria 209
Fungi 209
Viruses 210
Parasitic Diseases 215
Pathology 210
Diagnosis 210
Immunology 211
Pediatrics 219
Personal Hygiene 197
Pharmacology & Therapeutics 199
Organic Drugs 200

Drugs of Animal Origin 204
Drugs of Vegetable Origin 201
Synthetic Drugs 200
Pharmaceutical Chemistry 200
Pharmacodynamics 204
Cardiovascular System 205
Digestive System 206
Nervous System 207
Psychotropic Drugs 207
Urinogenital System 206
Phototherapy 207
Practical Pharmacy 204
Physiology 182
Biochemistry 182
Biosynthesis 190
Enzymes 189
Organic Compounds 190
Physical Biochemistry 191
Blood & Circulation 191
Metabolism 192
Carbohydrate Metabolism 192
Lipid & Protein Metabolism 193
Vitamin Metabolism 193
Motor Functions 196
Neurophysiology 196
Autonomic Nervous System 197
Brain 197
Neurochemistry 196
Physiology of Work 191
Reproduction 195
Respiration 192
Secretion & Excretion 194
Adrenal Glands 194
Thyroid Glands 194
Public Health 198
Epidemiology 198
Cholera 199
Diptheria 199
Measles 199
Tuberculosis 199
Venereal Diseases 199
Surgery 218
Anesthesiology 219
Ophthalmology 218
Orthopedic Surgery 218

Plastic Surgery 219

PALAEONTOLOGY 1

Palaeobotany 1

ZOOLOGY 96

Anatomy & Morphology 136
Circulatory Organs 137
Muscular, Skeletal & Integumentary Organs 143
Nervous System & Sense Organs 144
Nutritive & Metabolic Organs 138
Regional & Topographic Anatomy 146
Reproductive Organs 141
Respiratory Organs 138
Secretory & Excretory Organs 140
Cytology 156
Cell Anatomy & Physiology 159
Cytogenetics 159
Cytotaxonomy 159
Development 131
Embryology 134
Ecology 147
Economic Zoology 149
Histology 151
Histopathology 156
Histophysiology 149
Pathology 127
Immunology 131
Pathological Physiology 131
Physiology 96
Biochemistry 119
Antibiotics 123
Enzymes 124
Hormones 126
Lipids 124
Proteins 123
Vitamins 126
Biophysics 117
Circulation 97
Genetics 109
Hybrids 109
Mutations 109
Ingestain & Digestion 99

Metabolism 100
Movements, Senses & Control Mechanisms 114
Motor System 116
Response to Chemical Stimuli 115
Response to Light 115
Nervous System 117
Nutrition 98
Reproduction 110
Respiration 98
Secretion & Excretion 104
Endocrine Secretion 104
Excretion 108
Regional Zoology 162
Invertebrates 163
Arachnida 171
Arthropoda 170
Crustacea 170
Amphipoda 170
Copepoda 170
Decapoda 171
Mysidacea 171
Echinodermata 165
Helminths 166
Annelida 170
Cestoidea 167
Nematoidea 169
Trematoda 167
Insecta 171
Coleoptera 174
Dermaptera 172
Diptera 175
Hemiptera 173
Homoptera 174
Hymenoptera 176
Isoptera 173
Lepidoptera 176
Odonata 173
Orthoptera 172
Thysanoptera 172
Mollusca 165
Brachiopoda 166
Cephalopoda 166
Gastropoda 166
Pelecypoda 165
Porifera 165

Protozoa	*164*
Vertebrates	177
Aves	180
Fishes	177
Reptiles	179

ABBREVIATIONS

UNIVERSITY/INSTITUTE

A.I.I.M.S., Delhi	All India Institute of Medical Sciences, Delhi
Agra	Agra University
Agrl. Sc., Bangalore	University of Agricultural Sciences, Bangalore
Aligarh	Aligarh Muslim University
Allahabad	University of Allahabad
Andhra	Andhra University
Annamalai	Annamalai University
Awadhesh Pratap Singh	Awadhesh Pratap Singh University
B.I.T.S., Pilani	Birla Institute of Technology and Science, Pilani
Banaras	Banaras Hindu University
Bangalore	Bangalore University
Baroda	The Maharaja Sayojirao University of Baroda
Bhagalpur	Bhagalpur University
Bhopal	Bhopal Vishwavidyalaya
Bidhan Chandra Krishi	Bidhan Chandra Krishi Viswa Vidyalaya
Bihar	University of Bihar
Bombay	University of Bombay
Burdwan	University of Burdwan
Calcutta	University of Calcutta
Calicut	University of Calicut
Cochin	University of Cochin
Delhi	University of Delhi
Dibrugarh	Dibrugarh University
Gauhati	Gauhati University
Gujarat	Gujarat University

Gujarat Agrl.	Gujarat Agricultural University
Haryana Agrl.	Haryana Agricultural University
I.A.R.I., Delhi	Indian Agricultural Research Institute, Delhi
I.I.Sc., Bangalore	Indian Institute of Science, Bangalore
I.I.T., Kharagpur	Indian Institute of Technology Kharagpur
I.S.I., Calcutta	Indian Statistical Institute, Calcutta
Indore	University of Indore
J.N. Krishi	Jawaharlal Nehru Krishi Vishwa Vidyalaya
Jabalpur	University of Jabalpur
Jadavpur	Jadavpur University
Jammu	University of Jammu
Jawaharlal Nehru	Jawaharlal Nehru University
Jiwaji	Jiwaji University
Jodhpur	University of Jodhpur
Kalyani	University of Kalyani
Kanpur	Kanpur University
Karnatak	Karnatak University
Kashmir	University of Kashmir
Kerala	University of Kerala
Konkan Krishi	Konkan Krishi Vidyapeeth
Kurukshetra	Kurukshetra University
Lucknow	University of Lucknow
Madras	University of Madras
Madurai	Madurai Kamaraj University
Magadh	Magadh University
Mahatma Phule Krishi	Mahatma Phule Krishi Vidyapeeth
Marathwada	Marathwada University
Meerut	Meerut University
Mysore	University of Mysore
Nagpur	Nagpur University
North Bengal	North Bengal University
Orissa Agrl.	Orissa University of Agriculture and Technology

Osmania	Osmania University
P.G.I.M.E.R., Chandigarh	Postgraduate Institute of Medical Education and Research, Chandigarh
Panjab	Panjab University
Pant Agrl.	Govind Ballabh Pant University of Agriculture and Technology
Patel	Sardar Patel University
Patna	Patna University
Poona	University of Poona
Punjab Agrl.	Punjab Agricultural University
Punjabrao Krishi	Punjabrao Krishi Vidyapeeth
Rajasthan	University of Rajasthan
Ranchi	Ranchi University
Ravishankar	Ravishankar University
Saugar	University of Saugar
Saurashtra	Saurashtra University
Shivaji	Shivaji University
South Gujarat	South Gujarat University
Tamilnadu Agrl.	Tamil Nadu Agricultural University
Udaipur	University of Udaipur
Venkatewara	Sri Venkateswara University
Vikram	Vikram University
Visva-Bharati	Visva-Bharati

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SCHOLAR INDEX

A.N. Singh 3043
Abdul Kareem, A. 2981
Abdul Rashid 863
Abdul Waheed 1143
Abdur Rahman, S. 1826
Abdurahiman, U.C. 1623
Abhai Raj Singh 3105
Abhyankar, Keshav Madhusudan 2982
Abou-El-Ismail, Mamdonh 3120
Abraham, C.C. 2904
Abraham, Mathew 1674
Abraham, Subhashini 1111

ACHARYA-ACHARIA ACHARYYA

Acharya, Chuni Lal 2683
Acharya, Shabd Swaroop 2107
Acharia, Shyam Sundar 793
Acharyya, Tapankumar 81
Adak, Nirmalesh Kumar 2754
Adhikari, Satya Niranjan 3207
Adiyodi, K. Govindan 1016
Adlakha, Krishan Lal 2839
Adwant, Prakash Dhondiraj 1652
Aftab Ahmed 2882
Agarkar, D. 658
Agnes S. Ipe 1264

AGRAWAL-AGARWAL, AGGARWAL, AGRAWALA

Agrawal, Anand Murti 659
Aggarwal, Arun Kumar 2258
Agarwal, Devendra Kumar 484
Agarwal, Dinesh Kumar 3337
Aggarwal, Gian Chand 2702
Agrawal, Har Swaroop Kishore 2082
Agrawal, Kishanlal 1380
Agrawal, Mahesh Chandra 3044
Agarwal, Manju Rani 811
Agarwal, N.K. 660
Agarwal, P.K. 2281
Agrawal, Prabhat Kumar 320
Agrawal, Prabhat Kumar 375
Agrawal, R.K. 1220
Aggarwal, Ramesh Kumar 2563
Agrawala, Satya Prakash 3511
Agrawal, Shanti Prasad 3398
Agrawal, Shyam Kishore 812
Agarwal, Sushil Kumar 3099
Agarwal, Virendra Kumar 3510
Ahlawat, R.P.S. 3088
Ahluwalia, Gajinder Singh 3431
Ahluwalia, Jasleen 1125
Ahuja, Balbir Singh 3153
Ahuja, Daulat Ram 399
Ahuja, Harish Chander 1814
Ahuja, Kanhaya Lal 3432
Ahuja, Prakash 661
Ahuja, Sat Pal 3338
Airan, R.J. 120
Aishwarya Narain 274
Ajit Singh 3208
Ajit Singh 3512
Ajit Singh 3513

AKHOURI-AKHAURY

Akhouri, Bhuvaneshwar Prasad 1444
Akhouri, Madan Mohan Prasad 2196
Akhaury, Shashi Bala 400
Akhtar Mahmmod 1713
Alexander, K.C. 48
Alexander, V. Thomas 3045
Alfred Jeyakumar Rajiah, B. 1653
Alka Devi 275
Alvarez, V. 1614
Alvi, S. Arshad Ali 2181
Amar Bahadur Singh 2387
Amar Nath Singh 3247
Ambastha, Chandra Kishore 2197
Ambawani, Vishan R. 3433
Amrit Lal 2282
Amrit Pal Singh 2259
Anahasur, K.H. 2840
Anand, Rita 1445
Anand, Tek Chand 1017
Anand, Vinod Kumar 225
Anand Prakash 3298
Ananda Gowda, C. 226
Anandaraj, M.P. Jacob Spurgeon 1144

Ananda Rao, S.G. 1488
Anandaratham, K. 1193
Anant Hegde, Balikrishna 223
Anant Ram Singh 3209
Ananthasubrahmanyam, K.S. 1643
Anaokar, Sudheer Laxman Rao 3339
Aneja, I.S. 1838
Aneja, Ram Prakash 3514
Angadi, Chennabasappa Veerabhadrappa 484
Anil Kumar 1017
Anil Kumar, T.B. 2787
Anjaneylu, Bandaru 2182
Anjaria, J.V. 3424
Annaji Rao, Kuna 2183
Annapurna Devi, S. 2388
Ansari, Aftab Alam 1145
Ansari, Afzal Ahmad 1146
Ansari, Musharraf Ali 1069
Antony Davis, Trupapur 224
Anurudh Kumar Singh 321
Appa Rao, Seepana 353
Appa Rao, Thota 1147
Apte, B.N. 472
Arneja, Dharam Vir 3299
Arora, Bodh Raj 2601
Arora, Harischandra 1404
Arora, Manjeet Kaur 2905
Arora, O.P. 2389
Arora, Om Parkash 1489
Arora, Veena 635
Arora, Vinod Kumar 3300
Arun Kumar 662
Arun Kumar 1635
Arun Kumar Singh 413
Arvind Kumar 3121
Arvind Kumar Singh 544
Arvindakshan, C. 2735
Arya, Kunwar Pal Singh 663
Arzo, Ghulam Mohayuddin 3434
Ashok Kumar 592
Ashok Kumar 1132
Ashok Kumar Singh 148
Ashoka Kumar, C.K. 813
Ashrit, Krishna 3435
Ashwani Kumar Prasad 3382
Ashwini Kumar 545
Asnani, Parmanand 157
Asthana, Avadhesh Narain 3173
Asthana, Surendra Singh 2108
Aswani Kumar, S. 49
Atar Singh 486
Athwal, Ajit Singh 3106
Atma Nand Singh 2198
Attri, Bhup Singh 2983
Augustine, M.K. 941
Aujla, Shamsher Singh 2798
Avadh Narain Singh 3174
Avadhani, K.K. 2390
Avirachan, T.T. 1511
Awadesh Prasad Singh 2199
Awasthi, Diwakar Nath 2322
Awasthi, Krishan Sharan 2779
Awtar Singh 1624
Ayachi, Shiv Shanker 897
Azad, Mahesh Prasad 2109

B.C. Singh 2391
Babal, Yashwant S. 3241
Babu, Cherukuri Raghavendra 814
Babu Rao, Kaza 2283
Badhe, Prakash Digambar 815
Badiger, M.K. 2368
Badri Prasad 1654
Bag, Jananankur 1714
Bagchi, Asish Lal 1715
Bagchi, Sachinandan 2602
Bagwan, I.M. 1582
Bahadurpal Singh 636
Baij Nath Singh 2392
Bains, Gurbakhshind Singh 1133
Bains, Sarwan Singh 2393
Bains, Sucha Singh 2841
Bairagi, Pushpendu 593
Bajaj, Adresh 816
Bajaj, Jagdish Chander 2564
Bajaj, Krishna Lal 414
Bajpai, Nisha 594
Bajwa, Rachhpal Singh 3436
Bajwa, Sajjan Singh 50
Bakhale, V.L. 723
Balagopalan, C. 2716
Balakrisnan, Nambiyath Purthhappurayil 817
Bala Krishna S. 2799
Balakrishna Pillai, P. 2603
Balakrishna Rao, K. 2736
Balakrishnan, R. 3515
Balan, K. 1367
Balani, Dayal Kumar 1997
Balaparameswara Rao, M. 206

BALASUBRAMANIAN-BALASUBRAMANYAN

Balasubramanyan, A. 2284

Balasubramanian, K.A. 977
Balasubramanian, K.S. 1108
Balasubramanian, R. 487
Balasubrahmanyam, M. 2984
Balasundaram, Narayanaswamy 354
Baldev Krishna 415
Baldev Singh 82
Bali, Harbans Singh 1221
Baliga, H.S. 3425
Baljit Singh 2565
Balkara Singh 2842
Balram Singh 2604
Balwant Singh 2200
Balyan, Bhoopal Singh 1446
Bande, Mohan Balwant 2
Bandey, Sharad B. 1368

BANDYOPADHYAY-
BANDOPADHYAY,
BANDYOPADHYAYA

Bandyopadhyay, Anadinath 1369
Bandyopadhyay, Anilkumar 724
Bandyopadhyay, Asitkumar 740
Bandyopadhyay, Bina 2394
Bandopadhyay, Manoj Kumar 2975
Bandyopadhyay, Manju 3
Bandyopadhyay, Nimai Chandra 473
Bandyopadhyay, Nirmalya Kumar 1015
Bandyopadhyay, Pranab-kumar 1716
Bandyopadhyay, Samar Kumar 2664
Bandyopadhyay, Sandipkumar 133
Bandyopadhyay, Sudip Kumar 51
Bandyopadhyaya, T.C. 1663

BANERJEE-BANERJI

Banerjee, Ajay Kumar 3301
Banerji, Bharti 146
Banerjee, Biswa Nath 2110
Banerjee, Debiprasad 1941
Banerjee, G. 595
Banerjee, Sheela 1019
Banerjee, Smita 1490
Banerjee, Somnath 1405
Banerjee, Subir Kumar 1878
Banerjee, Tarun Kumar 1447
Banerjee, Uma 52
Bankey Behari 2111
Bansal, Mahendra Pal 3437
Bansh Bahadur Singh 2112
Bansh Narain Singh 2113
Banshi Dhar 301
Bansode, Prafulla Chandra 2906
Banwary Lal 2821
Bapat, Dattatreya Raghunath 3137
Bapat, Moreshwar Vishnu 2605
Bapna, Jawahar Singh 1930
Barat, Rama 158
Bardhan, Smriti 1188
Bardiya, Mahal Chand 2285
Bardoloi, Renu Prava 818
Barman, Sujata 460
Barsivala, V.M. 1807
Barua, Pankaj Kanti 121
Basak, Sunilendu 741
Basalingappa, S. 1548
Basant Ram 2822
Basant Singh 3399
Basha, S. Sanwar 978
Baskaran, P. 2985
Basu, Anita 1879
Basu, Apurba Kumar 119
Basu, Arvinda 3374
Basu, Asimkumar 2012
Basu, Jaharlal 1857
Basu, Jayasree 1070
Basu, Manjulika 546
Basu, Monica 174
Basu, Narayan Chandra 2323
Basu, Prabhat Kumar 725
Basu, Pranab Sankar 1148
Basu, Ramesh Chandra 1644
Basu, Rathindranarayan 2333
Basu, Samar Kumar 474
Basu, Sankarlal 1071
Basu, Siddhartha 3285
Basu, Sima 355
Basu, Somendra Nath 2606
Basu, Subha 886
Basu, Subhas 2029
Basu, Tapati 979
Basudeo Singh 2395
Batnena, S.J. 53
Batra, Amla 401
Batra, U.J. 454
Bavappa, K.V.A. 864
Baveja, Raj Kumari 2040
Bedi, Krishna 596

BEHL-BAHL

Bahl, Kundan Lal 3171
Behl, Manju 884
Belsre, Devidas Kisanrao 1340

Benaras Prasad 3501
Benny, M.V. 742
Beohar, Prakashchandra 2013
Beri, Sudesh Kumar 1265
Bhadra, Ranjan 149
Bhaduri, Amitabhasankar 1491
Bhaduri, Ashim Kumar 1549
Bhaduri, Baidyanath 2004
Bhaduri, Bakul 1870
Bhaduri, Subir Chandra 1020
Bhagawat Prasad 2114
Bhagwan Das 1516
Bhagwat, Anil Shankarrao 416
Bhagwat Ram 2059
Bhagwati Prasad 2260
Bhagyaraj, D. Joseph 2286
Bhairaw Prasad Singh 265
Bhajan Singh 1694
Bhajan Singh 2607
Bhalla, Sudesh Kumar 2396
Bhama, K.S. 488
Bhamburkar, M.W. 2907
Bhan, Ashok Kumar 356
Bhandari, Anant Ram 2566
Bhandari, Jaswant Singh 2201
Bhandari, Narendra Raj 2737
Bhandari, R.M. 3383
Bhandran Nair, G. 597
Bhanu Pratap Singh 159
Bhanu Pratap Singh 2369
Bhanu Pratap Singh 3190
Bhanwar Singh 2397
Bharat Prasad 2738

BHARATI-BHARATHI

Bharati, J.S. 1591
Bharathi, V.S. 2398
Bhardwaj, Ravinder Mohan 3438
Bhargava, Bhagwan Swaroop 2755
Bhargava, Binod 3340
Bhargava, Govind 1448
Bhargava, Gyan Prakash 2567
Bhargava, Kamtanath 1449
Bhargava, Kripa Shanker 2399
Bhargava, Sunita 1266
Bhargava, Vishwanath 3341
Bhasin, Rajendra Kour Awatarsinh 577
Bhasin, Verendra Kumar 1071
Bhaskar, Ram Bharosey Lal 2953
Bhaskar, Raman C. 1517
Bhaskar, V. 865
Bhaskaran, U.P. 3122
Bhatia, H.L. 1112
Bhatia, Mahendra Singh 2115
Bhatia, Prakash Chand 3123
Bhatia, S.S. 960
Bhatia, Satish Chander 1923
Bhatnagar, Anup 1967
Bhatnagar, Chandra Prakash 2608
Bhatnagar, Gyan Prakash 201
Bhatnagar, O.P. 2202
Bhatnagar, Rajesh Swaroop 2287
Bhatnagar, Snehlata 1406
Bhatnagar, Vinod Sahai 2986

BHAT-BHATT

Bhatt, Devavratta Chandrashanker 640
Bhatt, Govardhan Prasad 598
Bhat, Krishna Murthy U. 1492
Bhatt, Rajni 1109
Bhat, Ramesh V. 866
Bhat, S. Shankar 489
Bhatt, Shankar Datt 1429
Bhat, Suraj Prakash 417
Bhattacharjee, Dilip 1430
Bhattacharjee, N.S. 2908
Bhattacharjee, Ranjit Nath 160
Bhattacharyulu, Yadavalli 3439

BHATTACHARYYA-BHATTACHARYA

Bhattacharyya, Amal 1564
Bhattacharyya, Bibha 743
Bhattacharyya, Birendranath 1325
Bhattacharyya, Bithika 376
Bhattacharyya, Buddhadeb 2545
Bhattacharyya, Gauri 1795
Bhattacharyya, Golokendranath 744
Bhattacharyya, Jharna 1817
Bhattacharyya, Kalyani 925
Bhattacharyya, Kalyankumar 402
Bhattacharya, Malay Kanti 2334
Bhattacharyya, Minarani 357
Bhattacharya, Nikhil Chand 547
Bhattacharyya, Nripendra-kumar 745
Bhattacharyya, Prabir 1194
Bhattacharyya, Rekha 794
Bhattacharya, S.S. 1113
Bhattacharyya, Samar 1216
Bhattacharyya, Samile 1149
Bhattacharyya, Santibrata 1717
Bhattacharyya, Sasankasekhar 1820
Bhattacharyya, Smarajit 2324
Bhattacharyya, Supriya Kumar 3286

Bhattacharyya, Suva 2400
Bhattacharyya, Swantans 1821
Bhattacharyya, Tapan Kumar 1431
Bhattarai, Rama 1839
Bhatti, Jitendravir Singh 1634
Bhatti, Kiranjit 475
Bhattiprolu, Shivkumar 54
Bhatwadekar, P.U. 3046

BHAUMIK-BHOWMICK

Bhaumik, Hemendrakumar 1550
Bhowmick, Niranjan Nath 2546
Bhaumik, Pabitra Kumar 2401
Bhavanarayana, M. 2609
Bhavanarayana, P.V. 202
Bhavsar, R.V. 1407
Bhendia, Mannu Lal 3047
Bhide, Vasant Shanker 2325
Bhisey, R.A. 2014
Bhisma Singh 1073
Bhiwgade, Dayanand Atmaram 1267
Bhopale, Mahender Kumar 1260
Bhosale, Leela Jaysingrao 227
Bhramaramba Rao, G. 1341
Bhramra, Harjinder Singh 954
Bhrigu Nath Singh 2065
Bhullar, Jagjit Singh 3228
Bhunia, Sankar Prasad 1518
Bhupal, Om Prakash 599
Bhupal Rao, Javugula Venkata Rama 2402
Bhusari, B.V. 1675
Bhutani, Ved Parkash 3184
Bhuvaneswari, T.V. 490
Bhuyan, Benudhar 2116
Biddappa, C.C. 2610
Bidyasar, P.P. 1625
Bijoy Kumar Singh 2203
Bilgrami, Raghupati Sahai 3221
Billore, K.V. 819
Billore, Suresh Kumar 664
Bindal, Mohinder Pal 3516
Bipin Prasad 820
Bir Bahadur Singh 3107
Birat, Ram Briksha Singh 867
Bisaria, Abhey Kumar 377
Bisen, D.C. 2780
Bisen, Prakash Singh 497
Bisht, Dan Singh 2909
Bisht, Jitendra Singh 1676
Biswanath Prasad Singh 2987
Biswas, Amal Krishna 746
Biswas, Bharati 2843
Biswas, Bimal Chandra 3124
Biswas, Bratati 1150
Biswas, Majibar Rahaman 2403
Biswas, Narendramohan 1195
Biswas, Rita 1217
Bojappa, Kaverira Mathanna 3210
Bojji Reddy, N. 1196
Bose, Amal Kumar 3089
Bose, Bharati 898
Bose, Paromita 358
Bose, Sati Prasad 3125
Bose, Subhendu Kumar 1408
Brahm Pal Singh 3175
Brahma Singh 3269
Brahmanandam, Vijayalakshmi 1184
Brahminder Singh 2261
Brar, Jaskarn Singh 3263
Brar, Joginder Singh 2611
Brar, Surinder Pal Singh 2614
Brijendra Singh 3287
Burjorji, M.N. 1926
Butani, Dhamo Kessowdas 2910
Buti, R.S. 1718

Camoens, H.M. 1775
Chacko, G.J.G. 1709
Chadha, Sudha Rani 1134
Chadha, Tilak Raj 3229
Chahal, Randhir Singh 2613
Chahal, Sarbjit Singh 266
Chahal, Varinder Pal Singh 2288
Chaitanya Swarup 1450

CHAKRABARTI—
CHAKRABORTI,
CHAKRABORTY,
CHAKRAVARTY,
CHAKRAVORTTI,
CHAKRAVORTY

Chakrabarti, Amalendu 2184
Chakraborty, Arun K. 3276
Chakrabarti, Arun Kumar 1861
Chakraborti, Arun Kumar 1291
Chakrabarti, Biswanath 1369
Chakrabarti, Dulal Chandra 2614
Chakrabarti, Kalyan Kanti 1677
Chakrabarti, Maharani 55
Chakravarty, Manjula 24
Chakraborti, Prachetaranjan 2038
Chakraborty, Putul 1776
Chakravortti, Rama 17
Chakraborti, Sajal Kumar 868
Chakraborti, Samar 1519
Chakrabarti, Samiran 1645
Chakrabarti, Sandipkumar 183
Chakraborti, Shibnath 2404

Chakrabarti, Sikha 1719
Chakrabarti, Sipra 492
Chakraborty, Sunil Kumar 2739
Chakrabarti, Sunitikumar 1995
Chakrabarti, Syamalima 1720
Chakravarty, Tapan 1151
Chakravorty, Tapas Kumar 2204
Chakraborty, Trisit 2988
Chakrabarti, Tulsi 1908
Chakrapani, Pratibha 643
Chalamayya, N. 2665
Chalikwar, M.R. 1223
Chandani, M. 747
Chandel, A Singh 2370
Chandola, Asha 1074
Chandra, Asish Kumar 418
Chandra, Tarasankar 1822
Chandra Bali Singh 1268
Chandra Bhan Singh 2117
Chandra Bhushan Prasad 2044
Chandra Shekhar Singh 3244
Chandralata, B. 493
Chandrama Prasad Singh 2989
Chandramohan, D. 2335
Chandramouli, K. 1721
Chandrarajan, J. 122
Chandrasekaran, M. 2844
Chandrasekhara Menon, M.K. 578
Chandrasekharan Nayar, M.N. 419
Chandra Sekhara Rao, Anne 2676
Chandrasekhara Rao, Dabeeru 1702
Changulani, Vina 1381
Chansouria, Jay Prakash Narayan 2083
Chapalgaonkar, Usha 899
Chatterjee, P.K. 1948
Chatterjee, Samir 548
Chatterjee, Sibaprasad 476
Chatterjee, Sukumar 455

CHATTOPADHYAY-
CHATTOPADHYAYA

Chattopadhyay, Amiyangshu 795
Chattopadhyay, Animesh 1993
Chattopadhyay, Asim Kumar 1565
Chattopadhyay, Banani 1352
Chattopadhyay, Chitralekha 1931
Chattopadhyay, Kuntal Kumar 378
Chattopadhyay, Malaykumar 1722
Chattopadhyay, Manjusri 1988
Chattopadhyaya, Mira 56
Chattopadhyay, Mrinal Kanti 1723
Chattopadhyay, Nikunjabihari 1432
Chattopadhyay, Nirmalkumar 1710
Chattopadhyay, Pallab Kumar 2185
Chattopadhyay, Pinakiranjan 1777
Chattopadhyay, Prabin 748
Chattopadhyay, Purna 796
Chattopadhyay, Ranjit Kumar 2005
Chattopadhyay, Suchitra 980
Chattopadhyay, Suniti 1724
Chaturvedi, Chandan 2078
Chaturvedi, Dhruva Mani 2740
Chaturvedi, Gorakh Nath 2070
Chaturvedi, Liladhar 1678
Chaturvedi, Murari Lal 3342
Chaturvedi, Surendra Nath 600
Chaturvedi, Surendra Prasad 2615

CHAUDHARI,
CHAUDHARY,
CHAUDHURI,
CHAUDHURY,
CHOUDHARI,
CHOUDHARY,
CHOUDHURI,
CHOUDHURY,
CHOWDHARY,
CHOWDHURY,

Chaudhuri, Amit 1983
Choudhari, Anand Chandikadas-rao 1601
Chowdhury, Anil Kumar 2954
Choudhury, Ashim 2262
Chaudhari, Ashok Kumar 2118
Chaudhary, Bajrang Dass 2406
Chaudhary, Bansh Raj 749
Choudhury, Bijit Kumar 2408
Chowdhary, Binod Kumar 821
Chaudhury, Birendra Lal 1520
Choudhary, Braj Nandan 2206
Choudhary, Durga Prasad 750
Chaudhuri, Isani 601
Chaudhari, Lal Bachan 2405
Choudhary, Leena 1679
Chowdhary, Malla Ram 2741
Chaudhuri, Manaskamal 1866
Chaudhari, Mangi Lal 2756
Choudhary, Manjari 276
Choudhary, Parama Nand 2990
Chaudhury, Pradipkumar 1197
Choudhuri, Prasanta Kumar 1656
Chaudhary, Ram Chet 2407
Chaudhuri, Ratan Kumar 1880
Chaudhuri, Sasthi 420
Chaudhury, Sudarshan 1521
Chaudhuri, Sukanya 2015
Choudhary, Sushil Kumar 228
Chaudhary, Sutapa 1021

Chaudhari, U.S. 322

CHAUHAN-CHOUHAN

Chauhan, Bhag Mal 1152
Chauhan, Brijpal Singh 323
Chouhan, D.M. 1938
Chauhan, Digvijaya Singh 3254
Chauhan, Jagmohan Singh 3230
Chauhan, Man Singh 2845
Chauhan, Prem Pratap Singh 3440
Chauhan, Rama Ballava Prasad Singh 1881
Chauhan, S.K. Singh 2846
Chauhan, S.V.S. 379
Chauhan, Shishu Pal Singh 3100
Chauhan, Yogen 2119
Chaure, Prabhakar Siddhanathji 2071

CHAWLA-CHOWLA

Chawla, Manohar Lal 2883
Chawla, Om Parkash 2666
Chowla, Subhash Chander 2955
Cheema, P.S. 57
Chellappa, N.T. 869
Chelliah, S. 2911
Cherian, P.T. 1655
Cheriyan, P.V. 203
Chhajlani, Shyam Sundarlal 665
Chhalpar, Hari Shewaram 3211
Chhote Prasad Singh 549
Chintawar, Balwant Vishwanathrao 1557
Chisty Khwaja Zakiuddin 1600
Chitnis, M.P. 1725
Chitnis, Sulekha Raghunath 4
Chitra, C. 945
Chopde, Chandrabhan Tukaramji 1932
Chopra, Kulwant Singh 1882
Chopra, Suman 602
Chopra, Surindra Kanta 380
Chorey, Prabhakar 3400

CHOUBEY-CHAUBEY

Choubey, Braj Jiwan Prasad 1022
Chaubey, C.N. 3176
Choubey, Chunni Lal 2205
Chaubey, Indrajeet 302
Choubey, Ramesh Chandra 25
Chowta, C.S. 324
Christopher, A.B. 1726
Chundawat, Govind Singh 3108
Chundurwar, R.D. 2912
Chunmun Singh 3090

D.P. Singh 2409
Dabke, A.T. 1064
Dabral, Kailash Chandra 3166
Dadhrwal, K.R. 2289
Dadkar, N.K. 1871
Daftardar, Shreepad Yashawant 2757
Daftari, Vidya 870
Dahiya, Bhim Singh 2410
Dahiya, Ishwar Singh 2703
Dahiya, Ram Pratap 3114
Dahiya, Sunehara Singh 2677
Daish, Kamlesh 666
Dakshayani, K. 963
Dalal, Ram Chander 2616
Dale, D. 2913
Daljeet Kaur 1353
Dalvir Singh 3048
Damodar Singh 2120
Damodaran, C. 83
Damodaran, R. 204
Damodaran Nambuditi, A.M. 421
Dandotia, M.R. 1592
Dangarwala, Rameshchandra Thakorlal 2617
Dange, Shiv Ram Singh 2823
Dani, G.V. 3343
Dani, Harinder Mohan 84
Daniel, P. 603
Darbara Singh 2781
Dargan, Karam Singh 3169
Darshan Singh 36
Darshan Singh 2411
Das, Anilkumar 955
Das, Anjali 751
Das, Asim Ranjan 1326
Das, Asis Kumar 134
Das, Asok 403
Das, Asok Kumar 1056
Das, Asok Kumar 1637
Das, Asok Kumar 1796
Das, Bharatbhusan 1850
Das, Bhubanmohan 18
Das, Bhusan Chandra 350
Das, Bimal Kumar 277
Das, Chandana 1827
Das, Dilip Kumar 2121
Das, Hemanta Kumar 58
Das, Jawaharlal 550
Das, Manas Gobinda 2412

Das, Manishinath 551
Das, Manjusri 59
Das, Niloy Kumar 381
Das, Nitis Ranjan 1493
Das, Prafulla Kumar 2122
Das, Pran Kumar 2547
Das, Pranati 1797
Das, Puranjan 2207
Das, R.S. 667
Das, Rathan Chandra 303
Das, Renuka 26
Das, Salilkumar 1
Das, Sarala 2016
Das, Sibnath 229
Das, Subhashini Rekha 1593
Das, Subodh Kumar 2618
Das, Sukta 1198
Das, Susanta Kumar 1199
Das, Veena 934
Das Bhaumik, Samirkumar 1222
Daschaudhuri, Asitbaran 27
Dasgupta, Balaram 1224
Dasgupta, Juthika 461
Dasgupta, Ranjit Kumar 123
Dasgupta, Rini 2914
Dasgupta, Satyabrata 1292
Dasgupta, Shyamal 1798
Dasrath Singh 2782
Dastur, D.K. 1998
Dathan, A.S.R. 579

DATTA-DUTTA

Dutta, Abhijit Kumar 2372
Datta, Alokkumar 85
Datta, Durga 1727
Datta, Gouichandra 2039
Dutta, Guru Parkash 1566
Datta, Hirendranath 1153
Datta, Kalyan Bandhu 752
Datta, Karan 1409
Dutta, Madanmohan 1657
Datta, Manju 1728
Datta, Naresh Chandra 1402
Datta, Nirmalkumar 1962
Datta, Rina 1810
Dutta, Sadhan Kumar 1872
Datta, Sobha 1968
Dutta, Som 3231
Datta, Sudhanwaranjan 1794
Datta, Sujit Kumar 552
Datta, Suradis Chandra 1803
Dattagupta, Asis Kumar 1433
Dattagupta, Swadesh 1154
Dattatraya, Karekar Muralidhar 230
Daulat Singh 3101
Davare, Sushilkumar G. 150
David, B. Vasantharaj 2915
David, Gnana Felicia 60
Dawa, Tashi 2413
Daya Nand 3049
Daya Nand 3441
Daya Shanker Singh 2800
De, Ajit Kumar 2045
De, Balaram 28
De, Dilipkumar 477
De, Dinesh Chandra 1989
De, Kamalpani 278
De, Manjusri 1200
De, Nemai Chand 1601
De, Nrishingha Kumar 2336
De, Shoumyaprakash 178
De, Sudhansu 1939
Dean, Rolston Alfred 1342
Deb, Arati 397
Debnath, Nirmalendu 2123
Deepak Prakash 1883
Delvi, M.R. 1410
Deniel, Raginey Sudarson 2956
Deo, Balkrishna Bapurao 1638
Deo, D.V. 2548
Deo Pal Singh 3442
Deole, J.Y. 2991
Deoray, Shivram Dagaji 422
Derasari, Atula Jamubhai 37
Dershana Devi 1354
Desa, Carmen 231
Desai, B.B. 2337
Desai, H.G. 1705
Desai, Maheshchandra Dahyabhai 2684
Desai, S.R. Padwal 404
Desh Bandhu 726
Deshmukh, Kalyanrao Khanderao 1269
Deshmukh, Murlidhar Govindrao 2549
Deshmukh, Prakash Pundalik 3191
Deshmukh, Ramesh Sakharam 1558
Deshmukh, S.S. 3158
Deshmukh, Vijaykumar Keshao 727
Deshpande, Balwant Rangarao 3401
Deshpande, Srirang Udhavrao 644
Deshpande, V.A. 2124
D'Souza, J. 462
Dev, Mohan Kumar 1135
Devaiah 2957

Devaki Nandanan, M. 1190
Deval, Kunda S. 494
Devamma 1225
Devarajulu Naidu, V. 956
Devender Kumar 2414
Devendra Nath 1382
Devendra Pratap Narayan Singh 553
Devnani, Ram Sobhraj 2186
Dhakar, Narendra Kumar 1568
Dhakrey, Jawahar Singh 554
Dhaliwal, Amarjit Singh 2208
Dhaliwal, Jaswant Singh 2125
Dhaliwal, Jit Singh 3154
Dhan Pal 2568
Dhan Ram 3109
Dhananjai Singh 900
Dhanaraj, A. 325
Dhandar, Dnyandeo Govinda 3192
Dhankar, Bhup Singh 3277

DHAR-DHARA

Dhara, Jyotsna 753
Dhar, Rabi 135
Dhar, Rattan Lal 1226
Dhar, Shruti 3443
Dharadhar, V.B. 423
Dharam Pal 2415
Dharam Pal Singh 2290
Dharam Pal Singh 3255
Dharam Singh 2416
Dharam Singh 2824
Dharam Vir Singh 3222
Dharambir 2801
Dhari, Kawal 2916
Dhariwal, Gurmail Singh 2992
Dharm Paul 2046
Dharamalingam, K. 86
Dharamraju, Edwin 2917
Dharmendra Nath 3444
Dharukar, R.D. 754
Dhian Chand 3502
Dhillon, Baldev Singh 2417
Dhillon, Gurcharan Singh 3270
Dhillon, Jugraj Singh 3302
Dhillon, K.B.S. 668
Dhingra, Kewal Krishan 3050
Dhir, Kewal Krishan 892
Dhirendra Pal 669
Dholakia, Dineshchandra Mahendralal 279
Dhruva, Bharati Ramanlal 424
Dhum Singh 2372
Digvijai Singh 2619
Dileepan, K.N. 1910
Dilli, Lavanya 1495
Dina Nath Singh 2569
Dinesh Charan 1403
Dinesh Kumar 822
Dipti Singh 896

DIWEKAR-DIVEKAR

Diwekar, B. 2993
Divekar, Mahima Chandra 2847
Diwan, A.D. 1618

DIXIT-DIKSHIT

Dixit, Laxminarayan Annappa 2783
Dixit, P.K. 2418
Dixit, P.N. 1327
Dixit, P.P. 2620
Dixit, Raghuvir Sahai 2550
Dixit, Raj Kumar 2419
Dikshit, Rajendra Prasad 304
Dixit, Satya Prakash 2079
Dikshit, T.N. Shanmukha 1494
Dixit, Vinod Kumar 1884
Donde, U.M. 1729
Dua, Inderjit Singh 2338

DUBEY-DUBE

Dube, Chandra Bali 2080
Dube, Govind Prasad 2060
Dubey, Kailash Chandra 382
Dubey, Mangal Prasad 1885
Dubey, Premnarayan 1270
Dube, Subhash Chander 961
Dube, Satya Deo 3188
Dubey, Virendra Kumar 2209
Dugwekar, Y.G. 1828
Dumaswala, U.J. 2047
Durani, P.K. 305
Durgaprasad Rao, K. 981
Dutta Choudhury, Ira 306
Dwivedi, Kailash Nath 2621
Dwivedi, Ramanath 2072
Dyavappa, Radder Gurunath 3051

Easwari Amma, K.G. 1305
Edison, S. 2802
Ekambareswara Rao, R. 1886
Ernest, Rajendran Samuel 2210
Escarios, Jose Doroma 3052
Ezzat-El Khony 3264

Faroda, Amar Singh 2742
Farooqui, Akhlaq Ahmad 87
Farooqui, Alanthasan Abad 2339
Farooqui, Hisamuddin 1603

Farooqui, Qamaruddin 425
Farooqui, Shamsul Islam 1664
Fateh Lal 2622
Fernando, G.R. 19 7
Foja Singh 326
Fouzdar, Aparajita 797

Gadre, S.V. 1949
Gajanana, A. 3445
Gajbe, Mohan Vithalrao 2758
Gajendra Singh 2918
Galib, Ahmed Anwar Abail 3092
Galotra, Atam Parkash 3446
Gandhi, Adapa Prabhakara 2263
Gandhi, Anand Prakash 2570
Gandhi, Behrose S. 1201
Gandhi, Rameshchandra Chunilal 2291
Ganesh Prasad 2420
Ganga, G. 1271
Gangadhara Rao, G. 3126
Gangadharan Nair, A.M. 1155
Gangawane, L.V. 901

GANGOPADHYAY-GANGOPADHYAYA

Gangopadhyay, Ashish 1434
Gangopadhyaya, Asok 426
Gangopadhyay, Pranab 29
Gangopadhyay, Tapankumar 2667
Ganjate, Ramchandra Tatoba 3193
Ganju, Avtar 1887
Ganju, Piyare Lal 1969
Garg, Arun Kumar 902
Garg, Faquir Chand 2292
Garg, Govind Krishna 463
Garg, Ishwar Dass 495
Garg, Pooran Chand 1371
Garg, Pramod Kumar 1658
Garg, R.K. 823
Garg, Rajeshwar Chandra 2730
Garg, Vijay Rani 496
Garinella, Motilal 2126
Gauri Shanker 2994
Gautam, Prem Pal 3053
Gautam, Ramesh Chandra 2995
Gautam, Subhash Chander 1970
Gawli, Harischandra P. 580
Gayathri, A.K. 88
Gayathri Devi, B. *170*
Gehlot, Manak Singh 871
George, Elizabeth Leela 205
George, John V. 1496
George, Kunnumkal Chacko 2090
George, M.J. 1613
Gera, Ramesh Kumari 2996
Ghafoorunissa 1730
Ghei, S.K. 2030
Ghewande, Madhao Parwata 464
Ghora, Basanta Kumar 359

GHOSH-GOSE

Ghosh, Ajay Kumar 1950
Ghosh, Arun Kumar 89
Ghosh, Atin 2958
Ghosh, Bikash 2540
Ghosh, Chittaranjan 968
Ghosh, Dipak Kanti 1888
Ghosh, Dipali *2264*
Ghosh, Ela 1964
Ghosh, Kalyan Kumar 2341
Ghosh, Kunal 2668
Gose, Leela 670
Ghosh, Madhusudan 3267
Ghosh, Nirmal Kanti 2035
Ghosh, Nityanand 1075
Ghosh, P.C. 2784
Ghosh, Parimal Kumar 2048
Ghosh, Prabhat Kumar 478
Ghosh, Pradip Kumar 30
Ghosh, Pranati 728
Ghosh, Ranajit Kumar 465
Ghosh, Rekha Rani 38
Ghosh, Sachchit Kanti 2373
Ghosh, Sadhankumar 964
Ghosh, Sambhunath 1731
Ghosh, Sandip Kumar 982
Ghosh, Satya Saran 175
Ghosh, Sibdas 755
Ghosh, Sobhendranath 1999
Ghosh, Sunilkumar 3185
Ghosh, Swapna 1986
Ghosh, Tamal Krishna 824
Ghosh, Tapan Kanti 1990
Ghosh, Umarani 946
Ghosal, Arun Kumar 3402
Gian Singh 3054
Girdhari Lal 2848
Girish Chandra 3384
Gode, Jagdish Dattatraya 2084
Gohain, Ruma 1185
Gohil, R.N. 327
Gohil, Ramanlal Karsandas 2884
Gokhale, K.S. *1619*
Gokhale, V.G. 2919
Golla Reddy, G. 31
Gopal, Thumala 307
Gopal, V. 970
Gopal Krishna 3344

Gopala Rao, K. 1272
Gopalakrishna Karanth, N. 171
Gopalakrishna Rao, Kamineni Venkata 2685
Gopalkrishna, M. 1076
Gopalkrishna Pillai, K. 3127
Gopalan, M. 2920
Gopinath, Chandrasekhar 2714
Gopinath, H.S. 1639
Gopinath, K. 1647
Gopinath, Narnath Velu 1273
Gopinath Menon, K. 983
Gopinath Nair, V. 3128
Goraya, Sardul Singh 1451
Gorde, R.B. 2785
Gore, Shripad Bhaskar 2551

GOSWAMI-GOSWAMY

Goswami, Bijoy Kumar 497
Goswami, Chandan Lal 2759
Goswami, Manoranjan 1843
Goswamy, V. 2036
Gothaskar, S.V. 1732
Guthwal, Bishambhar Dayal 498

GOUR-GAUR

Gour, Har Narayan 234
Gaur, Shri Niwas Sharma 3447
Gour, Taj Bahadur 2921
Govil, Bhanu Parkash 2786
Govil, Jai Narain 308
Govind Prakash 232
Govind Rao, Nanduru 2959
Govindan, A. 2127
Govindan Kutty, M.P. 499
Govindarajan, A.G. 233
Gowardhan Reddi, Tamma 61
Gowri, B. 136

GOYAL-GOEL

Goel, Bal Balinder Pal Singh 2091
Goel, Krishan Autar 969
Goyal, Mam Chand 3448
Goyal, Naranjan Parshad 2922
Goyal, Rajendra Prasad 1435
Goyal, S.P. 500
Goyal, Sagar Mal 3449
Greesh Mohan 3303
Grewal, Gurlivleen Kaur 2092
Grewal, Sarbjit Singh 1382
Grewal, Satjit Singh 3232
Grewal, Shavinder Singh 280
Grover, I.S. 328
Grover, Krishan Kumar 1077
Grover, Satya Pal 1551
Grubn, R.B. 1700
Guglani, Parshotam Lal 2128
Gugnani, Harish Chander 1957
Guha, Arun Kumar 729
Guha, Bandana 1452
Guha, Gayatri 1322
Guha, Kiran Chandra 3517
Guha, Suhita 756
Guhe, Y.S. 2623
Gulab Nath Singh 2129
Gulati, Dharam Pal 3403
Gulati, Kuldip Kaur 267
Gulati, Subhash Chander 309
Gulshan Lal 3256
Gulzar Singh 3167
Gunaga, K.P. 1733
Gundevia, Hoshang Sohrab 1023
Gundu Rao, Desai 2960

GUPTA-GUPTE

Gupta, Ajit 3248
Gupta, Akhilesh Kumar 2265
Gupta, Arvind 1310
Gupta, Asha 383
Gupta, Babban Ram 2717
Gupta, Baldev Raj 3450
Gupta, Balraj 984
Gupta, Bharat Prasad 1971
Gupta, Brij Kishore 3451
Gupta, Deoki Nandan 1054
Gupta, Dwijender 2421
Gupta, Gaya Prasad 2686
Gupta, Gayatri 1024
Gupta, Ghanshyam Das 39
Gupta, Gopal Saran 1136
Gupta, Indira 501
Gupta, J.P. 502
Gupta, Jagdish Chandra 3345
Gupta, Jatinder Parkash 2704
Gupta, Jugal Kishore 2266
Gupta, K.C. 427
Gupta, Kajal 384
Gupta, Krishan Kumar 1660
Gupta, Krishan Kumar 2326
Gupta, Lakshmi Narayan 3404
Gupta, Lalji Prasad 2061
Gupta, M. Ravindranatha 985
Gupta, Mithlesh Prasad 2422
Gupta, Mohan Lal 3346
Gupta, Mohini Devi 604
Gupta, Murari Lal 1665
Gupta, Om Parkash 2267
Gupta, P.P. 2049

Gupta, Pawan Kumar 3426
Gupta, Pradip Kumar 2268
Gupta, Pratap Chandra 2093
Gupta, Prem Chand 3347
Gupta, Prem Pal 798
Gupta, R.K. 2687
Gupta, R.N. 503
Gupta, R.S. 151
Gupta, Rama Chand 2584
Gupta, Ramesh Chandra 3212
Gupta, Rani 329
Gupta, S.C. 2423
Gupta, Salil Kumar 1552
Gupta, Saroj 2034
Gupta, Satyaprakas 19
Gupta, Shashi Ranjan 1958
Gupta, Subhendu Kumar 128
Gupta, Subodh Kumar 671
Gupta, Sukumar 235
Gupta, Surendra Kumar 672
Gupta, Suresh Chandra 1025
Gupta, Suresh Kumar 1911
Gupta, Tarun Kumar 2094
Gupta, Tarunkumar 1078
Gupta, Ved Prakash 2424
Gupta, Ved Prakash 3452
Gupta, Vinod Kumar 903
Gupteshwar Lal 236
Gurbachan Singh 2425
Gurbaksh Singh 2342
Gurcharan Singh 2624
Gurdayal Singh 3453
Gurdev Singh 3454
Gurdial Chand 2923
Gurdial Singh 3233
Gurdip Singh 2849
Gurmel Singh 2997
Gurmohinder Singh 3455
Guru Charan Prasad 2085
Guttikar, M.N. 46
Gyan Prakash Singh 504

Hafeeaur Rahman 1411
Hakim, S.M. 1799
Haldar, Anjana 90
Haldar, Durgaprasad 1567
Haldar, Hemanta Kumar 2998
Hamsa, Naseem 1680
Handa, Swadesh Kumar 2571
Hans Raj 2999
Hanuman Ram 2572
Hanumantha Rao, C. 2426
Hanumantharao, G.V. 2374
Hanumantha Rao, R. 1906
Har Pal Singh 2130
Har Pal Singh 3249
Harbans Lal 2427
Harbans Singh 1823
Harbans Singh 2343
Harbhajan Singh 1079
Harbir Singh 3129
Hari Gopal Singh 505
Hari Har Singh 1274
Harihar Prasad Singh 2760
Hari Kishun Singh 2885
Hari Prasad Rao, M. 3000
Hari Singh 3092
Hari Singh 3274
Harjinder Singh 1412
Harjit Kaur 1846
Harjit Singh 2428
Harkishan Singh 2552
Harmahendra Singh 1328
Harmail Singh 3194
Harmandar Singh 887
Harmeet Singh 91
Harmohinder Pal Singh 2131
Harsharan Jit Singh 730
Hazra, Chitta Ranjan 2705
Heble, M.R. 268
Hegde, S.N. 1137
Hemadri, Koppula 825
Hemendra Kumar Singh 2553
Henry, A.N. 826
Hilda, A. 506
Hiremath, Kashyya Channayya 2132
Hiremath, P.C. 2850
Hiremath, Rudrayya Veerayya 2851
Hiremath, S.C. 330
Hiremath, S.R. 331
Hore, Anuradha 757
Hore, Bimal Kumar 3288
Hothi, Didar Singh 3456
Hriday Kumar 2429
Hurkat, P.C. 1453
Husaina Fakhruddin 1227
Hussaini, Syed Shahabuddin 2886

I.S. Singh 2430
Ibrahim, Attia A. 3130
Inamdar, Ashok Chintaman 758
Inder Jeet Singh 3250
Inderjit Singh 2887
Indira, R. 2269
Indira Kumari 20
Indira Singh 2431
Indra Pratap Singh 2062
Indravathi, K. 1965

Indrees Bhai 2050
Ingle, Gunaji Sitaram 2187
Ingle, S.R. 5
Ingle, Uttam Madhavrao 3518
Iqbal Ahmed 1275
Iqbaluddin 3304
Ismail, Firdous Ara 759
Iyer, L.S. 1951
Iyer, S. 3093
Iyer, S.N. 1942

J.R. Singh 1829
J.V.L. Prasad 2133
Jacob, Abraham 2929
Jacob, Elizabeth 986
Jacob, Mercy 1065
Jadhav, Asha 1454
Jadhav, Sampat Bhagwantrao 3102
Jadhav, V.K. 926
Jadhoo, Prabhakar Kashimath-rao 2134
Jadon, Shiv Kumar Singh 1455

JAFARI-JAFFERY

Jaffery, Nargis F. 1792
Jafari, Sayed Masood Hussain 2625
Jag Mohan Singh 3131
Jagadish Chandra, K. 507
Jagannadha Rao, A. 1189
Jagannadha Rao, P. 2978
Jagannath Rao, V. 1228
Jagdamba Prasad 2188
Jagdev Singh 1868
Jagdish Chandra 1994
Jagdish Narain Singh 2344
Jagdish Narain Singh 2432
Jagdish Singh 2211
Jagjit Singh 281
Jagpal Singh 3055
Jagraj Singh 3305
Jagtap, Jiwajirao Gangadharrao 2433
Jagtap, Shalini 1293
Jagtar Singh 3306
Jai Pal Singh 2961
Jai Prakash Singh 269
Jailkhani, B.L. 1785
Jain, Bhanwar Lal 2688
Jain, Devendra Kumar 1456
Jain, Jitendra Kumar 2573
Jain, Kulbhushan Kumar 731
Jain, Mahendra Kumar 237
Jain, Mahendra Kumar 2293
Jain, Meera 2434
Jain, Nemi Chand 3457
Jain, Padam Chand 3519
Jain, Ravinder Pratap 2435
Jain, Sanat Kumar 673
Jain, Satish Chandra 428
Jain, Swatantra Kumar 1786

JAISWAL-JAYSWAL

Jaiswal, Arun Ganeshlal 1026
Jayswal, Ratanlal Benilal 1734
Jaiswal, Vijai Shanker 555
Jakhar, O.P. 1648
Jalaja, N.C. 405
Jalihal, K.A. 2212
Jamaluddin 508
Jamaluddin, M. 282
James, C.S. 3375
James, M.R. 637
Jamwal, Pushpa 332
Jan Nisar Ahmad 1681
Jana, Hrishikesh 1848
Jana, Nirmal Kanti 2436
Jana, Ranbehari 187
Janaradhana Reddi, L. 351
Janarthanan, R. 2888
Jandaik, Chiranji Lal 2852
Jankiraman, K. 3385
Jardar, Jaikaram Singh 2437
Jasbir Singh 987
Jash, Mira 760
Jasmer Singh 3458
Jaspinder Singh 2554
Jaswant Singh 1522
Jatinderjit Singh 1114
Jaurihar S.S. 2803
Javeid, G.N. 827
Jawahar Lal 2438
Jayachandran, Seetharama 2294
Jayakaran, M. 429
Jayalakshmi, G. 1384
Jayan, P.K. 674
Jayashetty, N. 1057
Jelley, Aruna 1873
Jha, Aditya Gopal 1497
Jha, Kapileshwar Prasad 3132
Jha, Mathura Nath 2761
Jha, Umesh Chandra 2213
Jhala, Vanarajsinh Mulubha 3459
Jindal, K.K. 3223
Jindal, Prem Chand 3213
Jirge, Shitalkumar Khanderao 1457
Jitendra Kumar 3307
Jitendra Mohan, K.V. 2439

Jiwaji, Enayatullah Hatim 1276
Joel, D. Rajasingh 206
Joglekar, Asha 1682
Jo lekar, S.N. 1735

JOHRI-JAUHRI, JOHARI

Johri, Chandra Bahadur 3348
Johari, Devendra Pratap 2762
Johri, Dinesh Chander 3405
Jauhri, Kripa Shankar 479
John, Jacob 147
John, Susheela Elizebeth 1329
Johnson, Chandrahasan Aruldas Christie 1966
Joishy, K.N. 1912
Jose, A.I. 2626
Jose, Stephen M. 3520
Joseph, Josy 333
Joseph, Kenneth Jonathan 1666
Joseph, Saverinathan Arokiaraj 3460
Joshi, B.D. 957
Joshi, Bhagwat Prasad 3461
Joshi, Balmukund 605
Joshi, Chunilal Hiralal 3521
Joshi, D.V. 1952
Joshi, Damodar 2066
Joshi, Girdhari Lal P. 1115
Joshi, H.B. 3349
Joshi, L.H. 3001
Joshi, O.P. 2669
Joshi P.M. 1604
Joshi, Puroshottam 3056
Joshi, Rama Kant 2440
Joshi, Sahib Saroop 456
Joshi, Shashank Ramchandra 675
Joshi, Suresh Chander 1261
Joshi, Syamasunder Balambhat 788
Jyoti Prakash Singh 1294
Jyoti Singh 927

Kadrekar, Shreerang Bhargao 2627
Kahlon, Rachhpal Singh 2345
Kaiser, Syed A.K.M. 2853
Kaiser Jahan Bano, A. 1138
Kaja, Janakiram 1571

KAKAR-KACKER, KAKKER, KAKRA

Kakra, Asha 607
Kakar, Lalita 606
Kaker, Madan Lal 3308
Kacker, Raj Kumar 1523
Kalavathi, C. 1229
Kalda, Kuldeep Kumar 1524
Kale, Purushottam Govindrao 1062
Kale, Radha D. 1413
Kalla, Shree Dhar 1058
Kallapur, V.L. 1436
Kalra, Mohinder Singh 3522
Kalra, N.S. 2295
Kalra, Parmod Kumari 32
Kalra, Trilok Singh 3278
Kalra, V.A. 1706
Kalyan Singh 2585
Kalyan Singh 3159
Kalyanaraman, V.S. 92
Kamarbanu, Karim 1277

KAMATH-KAMAT

Kamath, Madhukar Krishna 1667
Kamat, Narayan Dattatray 828
Kambhanpati, Anand Kumar 2441
Kamboj, Darshan Singh 2925
Kameswaran, S. 3462
Kamla Singh 3057
Kanaka, T.S. 2000
Kanaka Rani 1498
Kanakambika, P. 1343
Kanakaraja, S.R. 1080
Kanaujia, Amar Singh 3386
Kanchan, Munish Chandra 509
Kanchi, Padma Vithal 179
Kandaswami, A. 2135
Kandaswami, C. 430
Kandaswamy, T.K. 2962
Kandola, Harbans Singh 2442
Kandya, Anand Kumar 431
Kang, Manjit Singh 2804
Kanmani, B.N. 334
Kannaiyan, J. 2976
Kannupandi, T. 1372
Kansal, Bhagwan Dass 2752
Kansal, Vinod Kumar 432
Kanta Prasad 608
Kanwaljit Singh 2443
Kanwar, R.S. 3003
Kanzaria, M.V. 2628

KAPOOR-KAPUR

Kapoor, Amin Chand 2270
Kapoor, Chandra Prakash 1414
Kapoor, Jyotsana 1230
Kapur, Madan Lal 2629
Kapoor, Neena 1139
Kapoor, Promila 676

Kapoor, Sushila 1499
Kapoor, Vijay Kumar 1889
Kar, Ashutosh 1907
Kar, Karunamoy 1918
Kar, Sandipta 2689
Kar, Sudipta 988
Karan Singh 2963
Karatela, Y. Y. 829
Karel, Ashok Kumar 958
Karnidan Singh 2743
Kartar Singh 1156
Kartar Singh 2010
Kartha, Mandaravalli 1295
Karuna Rani 557
Karuppanan, N.V. 989
Karve, M.S. 1736
Kashi Prasad Singh 2086
Kashyap, Ajai Kumar 360
Kasichayanula, Veerabhadra Rao 1081
Kasinathan, R. 1575
Kasinathan, S. 207
Kassiralla Reddy, Jayarama 2214
Kasturi Lal 1869
Kasturi Lal 3523
Kate, Usha Rajeshwar 6
Kathpal, Trilochan Singh 2586
Kathuria, Om Parkash 2095
Katira, R.M. 732
Katiyar, Om Prakash 3004
Katiyar, Ramesh Chandra 3350

KATAKI-KATKI

Katki, A.G. 132
Kataki, Sarat Kumar 830
Katoch, Partap Chand 2444
Katte, D.B. 93
Katyal, Jagdish Chand 2327
Katyal, Surendra Kumar 3110

KAUL-KOUL

Koul, Bansi Lal 1344
Kaul, Bharati 1525
Kaul, Devinder Lal 3275
Kaul, Girdhari Lal 3524
Koul, Omanand 991
Koul, Pran Nath 2220
Koul, Raj Kumari 679
Koul, Rita 680
Kaul, Samvit Swrupa 40
Kaul, Santosh 965
Kaul, T.N. 238
Kaul, Usha 609
Kaul, Vijay 761
Kauraw, L.P. 2805
Kaushal, B.R. 1594
Kaushal, Shyam Kumar Singh 972
Kaushik, Brahma Dutta 2296
Kaushik, Jyanti Prasad 831
Kaushik, Ravindra Kumar 3463
Kaushik, Shiv Narain 3309
Kavathekar, Ajit Kumar 581
Kaveriappa, K.M. 510
Kavimandan, Suresh Keshaorao 2297
Kavindra Singh 1311
Kaw, Jawhahir Lal 1987
Kaw, Ramnath 2445
Kawatra, Bansi Lal 433
Kayande, K.S. 3058
Kazmi, Sibte J. 1059
Kedar Nath Singh 3059
Kedar Nath Singh 3133
Kelkar, S.M. 62
Kem, Tilak Ram 2926
Kesava Rao, K.V. 1202

KESHAVAN-KESAVAN

Keshavan, Bindiganavale Ramanujiengar 239
Keshavan, R. 1105
Kesavan, V. 3271
Keshaw Prasad Singh 3257
Ketkar, M.B. 2017
Khajuria, Ganga Nath 2722
Khajuria, Hira Nand 3234
Khajuria, Ram Rattan 3351
Khalatkar, A.S. 361
Khamankar, Yeshwant Gopalrao 2446
Khan, A.Q. 2447
Khan, Absar Mustafa 1373
Khan, Ainul Haq 799
Khan, Ali Ahmad 3503
Khan, Fasahat Ali 1605
Khan, Haleemur Rehman 1632
Khan, Mohamed Ziauddin 1296
Khan, Rafique Alam 2346
Khan, Rashid Ahmad 1683
Khan, Sardar Mohammad 1559
Khan, Sohaile Ahmad 137
Khan, Sunil Kumar 2787
Khan, Wasi Ullah 1560
Khandekar, Chandra Kant D. 1027
Khandekar, Pramod Sharad 184
Khandelwal, Gopallal 2854
Khandelwal, K.C. 2298
Khanjode, V.R. 1458

Khanna, R.N. 2806
Khanna, Renu 2448
Khanna, Sushil 1874
Khaperde, Moreshwar Somaji 1278
Khara, Jagir Singh 2215
Khare, Krishna Behari 2807
Khare, Prem Kumar 872
Kharkar, Ramdas Tulshiram 3094
Kharole, Manohar Uttamrao 3464
Kharoo, Vijay Kumar 1595
Khasgiwal, P.C. 1890
Khatri, Shantilal 7
Khera, Neelam 1526
Khera, Surat Singh 3376
Kherde, Ramchandra Laxmanrao 2216
Khetarpal, Kamla 1840
Khind, Charan Singh 2763
Khleifat, H.M. 1940
Khochey, B.Y. 1231
Kholkute, Sanjiv Dattatraya 1028
Khosla, Baldev Krishan 2670

KHULLAR-KHULLER

Khuller, Gopal Krishan 1972
Khullar, Surinder Pal 800
Khurana, Amarjit Singh 2299
Khushal Chand 2096
Khuspe, Tukaram Shripati 2217
Khwaja Qaisar Husain 3316
Kini, C.V. 434
Kini, K. Madhab 1849
Kiran Singh 3406
Kishore, G.S. 63
Knight, Arumainayagam John 2218
Kochhar, Vinod Kumar 240
Kohli, Man Mohan 2449
Kokate, C.K. 1891
Koley, Juthika 1837
Kolte, Nilkanth Vishvanath 2219
Kolte, S.J. 2855
Kolwalkar, D.G. 947
Konde, Bhaskarrao Kashiram 2825
Koppar, Madhva Narashinva 2450
Kore, Bharati Annarao 1580
Kore, Sadashiv Shankar 2889
Koshti, Gouri Shanker 2271
Koshy, K.N. 1306
Kotaiah, K. 990
Kothandaraman, P. 3311

KOTHARI-KOTHARE

Kothari, Aruna Sangram Singh 677
Kothari, Indravadan Lilachand 583
Kothari, Jatan Kumari 966
Kothare, Madhuri M. 582
Kothari, Maheshbhai Jayantilal 832
Kothare, P.V. 1561
Kothari, Shantilal 3525
Kotti Reddy, M. 2347
Kotwal, Premchand 678
Kotwal, Shabeer Ahamed Nasirruddin 833
Kowale, Bal Narayan Rao 1811
Krishan Pratap 873
Krishna 1066
Krishna, S.T. 3312
Krishna Kumar Rao, Jangala Vasu Deva 2300
Krishna Mohan 3465
Krishna Mohan, Suryadevra 2890
Krishnamurthy, K. Sivarama 3006
Krishna Prasad, B.N. 1232
Krishna Singh, B. 3313
Krishnaiah, Kothakonda 3005
Krishnakantha, T.P. 2051
Krishnamani, M.R.S. 511

KRISHNAMURTHY-KRISHNAMOORTHY, KRISHNAMURTHI, KRISHNAMURTY

Krishnamurty, A. 1297
Krishnamurthy, K. 189
Krishnamurthi, K.P. 1355
Krishnamurthy, K.V. 385
Krishnamoorthy, Padakandla 2711
Krishnan, A.D. 1973
Krishnan, A.R. 1804
Krishnan, L. 188
Krishnan, N. 992
Krishnan Nampoothiri, K. Unni 2328
Krishnan Nayar, V.S. 1029
Krishnaraj, R. 1737
Kshirsagar, Mainavati Krishnarao 389
Kshirsagar, Shripad 3352
Kuhad, Mohinder Singh 2712
Kulandaivel, G. 241
Kulhara, D. 283
Kulkarni, B.A. 3377
Kulkarni, G.N. 2451
Kulkarni, Jayashree Vithalrao 610

Kulkarni, K.M. 888
Kulkarni, M.Y. 1621
Kulkarni, Prakash Prabhakarrao 1647
Kulkarni, Purshottam Deokrishna 834
Kulkarni, R.L. 645
Kulkarni, Shri Niwas Krishna Rao 1936
Kulkarni, Sudhakar Mangesh 1641
Kulla, Ram Krishna 3378

KULSHRESTHA-KULSHRESHTH

Kulshrestha, Aruna 1030
Kulshrestha, Gita 2630
Kulshrestha, Ramesh Chandra 1953
Kulshreshth, Surender Babu 3466
Kulshreshth, Vishv Prakash 2891
Kulwant Singh 3353
Kumaran, K. 2720
Kumaraswamy, K. 3314
Kundapur, Ashok 2052
Kundu, Devi 762
Kundu, Kamalkrishna 2031
Kundu, Mihir Kumar 435
Kundu, Sachinandan 1298
Kunwar Bahadur Singh 611
Kunwar Bahadur Singh 1385
Kuriachan, P.I. 763
Kuriakose, P.S. 208
Kurian, Joseph Pazhayampallil 64
Kuriyan, K. Johan 2892
Kurmi, Sobaran Lal 2452
Kurup, G. Thyagaraja 2189
Kuruvilla, Mariamma 1279
Kushal Pal Singh 2453
Kushari, Debi Prasad 558
Kushwaha, A.S. 2329
Kuttan, Ramadasan 284

Lahiri, Karunamoy 1815
Lahiri, Prasanta Kumar 1913
Lahiri, Pulak Kumar 1386
Lahiri, Saradindu 3060
Lahiri Majumdar, Arunendranath 480
Lakhbir Singh 41
Lakhotia, Subhas Chandra 1527
Lakshmaiah 94
Lakshman Rao, S. 1233
Lakshmi, K. 764
Lakshminaraslmhan, C. 904
Lal Madan Mohan 3265
Lal Nishakar Singh 124
Lal, Om Narain 2136
Lal, Raj Kumari 466
Lal, Ram Bharosey 2137
Lal, Satish Chandra 2574
Lal, Sheo Mohan 3467
Lal Bahadur Singh 3315
Lala Shashi Bhusan 2724
Lalji Singh 1500
Lalla, J.K. 1909
Lalman 681
Lamba, Baldev Singh 1082
Lamba, Lakhmi Chand 646
Latey, A.N 1459
Laumas, Vimla 1116
Lavania, Girija Shanker 682
Leela, N.S. 993
Lehna Singh 2808
Lewis, N.F. 161
Lizzy, K.S. 95
Lodha, Madan Lal 2272
Lodhi, Gajadhar Prasad 3177
Loganathan, S. 2631
Logaonkar, Ashok Laxmanrao 1572
Lohiya, Nirmal Kumar 1083
Lokendra Man Singh 2087
Lokendra Singh 512
Lokhande, Madhusudan Rodbaji 2221
Ludri, Radhey Shyam 3354
Luthra, Om Prakash 2454

M.P. Singh 1063
Machve, Vijay Ganesh 1118
Madabhushi, Sesha Chari 3007
Madalgatti Rao, Mathihalli 3253

MADAN-MADAAN

Madan, Mira 270
Madaan, Tilak Raj 436
Madan, Vimla 481
Madan Lal 2632
Madan Mohan Singh 1460
Madan Pal Singh 190
Madhava Rao, Puvvada 2856
Madhavan, A. 1084
Madhavan, V. 1126
Madhavan Pillai, Meena 1203
Madhu Jyotsna 513
Madhukar, B. Venkatarama 1085
Madhusudana Rao, Dandamudi Venkata 2348
Madhusudana Rao, Goparaju 3134
Madhyasthe, K.R. 1738

Madiwale, M.S. 1739
Madlapure, Venkat Rajaram 1684
Madre, Vasant Eknath 1234
Magon, Vijay Kumar 1461
Mahabir Singh 1117
Mahadevan, S. 1374
Mahajan, Rajesh 1606
Mahajan, Ramesh Gajanan 994
Mahajani, Usha 1778
Mahajini, Sunanda 2455
Mahal, Charanjit 335
Mahana, S.K. 362
Mahendra Kumar 2011
Mahendra Pal 2857
Mahendra Reddy, K. 3115
Mahendra Singh 3316
Mahesh Chandra Prasad 3468
Mahesh Datt 2723
Maheshwari, Arun Kumar 612
Maheshwari, Hari Babu 1805
Maheshwari, Madan Lal 3317
Maheshwari, Radha Kant 457
Mahipal Singh 683
Mahishi, S.H. 437
Mahmood Akhtar 3008
Mahmood Jehan 1235

MAITI-MAITY

Maiti, Bijan Behari 2927
Maiti, Milan Kumar 835
Maiti, Motilal 1954
Maiti, Prabodh Kumar 1553
Maiti, Ratikanta 613
Maity, Saktipada 2349
Maiti, Satyendranath 2456
Maity, Sunirmal 3135
Maitra, Subirranjan 1844
Maitra, Syamal Chandra 559
Maji, Sasanka Sekhar 1299
Majumdar, Amalkumar 152
Majumdar, Bibhas Chandra 242
Majumdar, Binaybhusan 65
Majumdar, Birendrachandra 1659
Majumdar, Ira 1528
Majumdar, Kumudkumar 1712
Majumdar, Lina 765
Majumdar, Nitai 2928
Majumdar, Sabita 1800
Majumdar, Samirkumar 2006
Majupuria, Trilok Chandra 1356
Makde, Kewalram Haribhau 584
Makhija, Om Prakash 2457
Malakondaiah, N. 243
Malathy, K. 1740
Malaviya, Brajesh 1031
Malaviya, Ram Babu 1462
Malhotra, C.P. 3009
Malhotra, Om Parkash 3103
Malhotra, Satish Chandra 1924
Mali, Poonam Chand 2273
Mallappa, Tukshetty Gulab 614

MALIK-MALLIK, MULIK

Malik, Bhagat Singh 3318
Mallik, Namita 1824
Mulik, Shivaji 1347
Mallik, Utpal 1119
Malik, Yogender Singh 2633
Malleshappa, Y. 3526
Malleshwar Reddy, Kamatala 2097
Malvi, S.G. 1707
Malvinder Singh 3111
Mammen, K.V. 2929
Man Mohan Singh 1086
Manchanda, Hans Raj 2587

MANDAL-MONDAL

Mondal, Amalendu Bikash 2465
Mondal, Binoy Krishna 1418
Mandal, Bithi 1851
Mandal, Debipada 3289
Mandal, Hrishikes 438
Mandal, Jaideo 2678
Mandal, Manoranjan 836
Mandal, Namita 3160
Mandal, Satyaranjan 2764
Mandal, Sukdev 2018
Mandal, Sunilkumar 96

MANDLOI-MANDLOYI

Mandloyi, Arvind Kumar 1330
Mandloi, Divakar 1387
Mandokhot, Arun Madhaorao 2858
Mandokhot, Vallabh Madho 3355
Mandoli, Kamal Chandra 2458
Mane, Suresh Dnyanojirao 2930
Mane, Uday Harishchandra 1573
Maneckjee, Rhoda 1741
Manga, V. 336
Mangal, Jawahar Lal 3281
Mungurkar, Balkrishna Ramchander 3319
Mani, Suresh Chandra 2459
Manickavel, V. 1262
Manikant Singh 3427
Manjal 1703

Manjhi, Shankar 2634
Manjit Singh 3320
Manjur Hossain 2460
Manmohan Singh 2461
Manmohan Singh 3469
Mann, Gurbans Singh 2893
Mann, Sewa Singh 3214
Manna, Gostha Behari 2375
Manohar, L. 995
Manohar Lal 2765
Manohar Singh 3387
Manohara Chary, Ch. 684
Mantale, B.M. 1576
Manwani, Atmaram H. 2098
Marathe, S.V. 80
Mariappan, V. 2964
Markande, Shankar Jayaram 2731

MARWAHA-MARWAH

Marwaha, Krishan Kumar 3010
Marwah, Prafulla 685
Mary, Turka Nirmala 337
Mary Bai, M. 1570
Masih Prasad 2732
Masillamony, P. Richard 3470
Masood Ali 2725
Mathai, Rabia 2222
Mathan, V.I. 1991
Mathew, James 2859
Mathew, Joseph 209
Mathew, N.D. 1415
Mathew, P.M. 191
Mathew, Z. 185
Mathur, Brijesh Narain 1032
Mathur, Chandra Mohan 837
Mathur, Charan Swaroop 3321
Mathur, Girish Bahadur 1312
Mathur, Jagdish Kumar 1280
Mathur, Manoranjan Prasad 3407
Mathur, P.N. 2223
Mathur, Pradeep Kumar 1388
Mathur, R.D. 2037
Mathur, Radha Sharan 2718
Mathur, Ramesh 1281
Mathur, Rash Behari 1875
Mathur, Satya Narain 1214
Mathur, Shamsher Bahadur 2860
Mathur, Tara 686
Mathur, Vijay Kumar 1607
Maurya, Dharam Pal Singh 1914
Maya Sundari, R. 1157
Mayee, C.D. 2965
Meenakshy, A. 1742
Mehmood Gewaily, Essam El-din 2301
Mehra, Asha 310
Mehra, N.K. 2032
Mehra, O.P. 874
Mehrotra, Deep Kumar 176
Mehrotra, Purushottam Kishore 1087
Mehtrotra, Veena 1596
Mehta, Anil Ranchhodji 1743
Mehta, Dinesh Kumar Pannalal 1685
Mehta, Kewal Krishna 2588
Mehta, N.A. 1863
Mehta, N.J. 1744
Mehta, Natwarlal Paryabhal 2462
Mehta, Pradeep 514
Mehta, Rakesh 1892
Mehta, Savita 1636
Menhi Lal 2788
Mercy, V. Victy 973
Mev Singh 2766
Mhaskar, Dhananjaya Narahar 928
Mhaske, M.M. 338
Miglani, Bhagwan Das 1893
Mikkilineni, Jyoti Subbarao 948
Milap Chand 2302
Mir Mustaja Hussain 3155
Mirza Ansar Beg 1331
Mirza Masood Hussain 1158

MISHRA-MISRA

Mishra, Akhilesh Prasad 2190
Misra, Anand Kumar 935
Misra, Anirudha 3136
Misra, B.L. 2140
Mishra, Baikunth 2861
Mishra, Brahma 2635
Mishra, Chander Mauli 687
Misra, Chandra Hari 2464
Mishra, Devi Shanker 3011
Misra, Dilipkumar 1847
Mishra, Gyan Chandra 1332
Mishra, Jagdish Chandra 2138
Misra, Kailash Narain 1345
Misra, Kamales Kumar 1236
Mishra, Kamlesh Chandra 3012
Mishra, Lakshmishwar Prasad 3013
Mishra, Narendra Kumar 2353
Misra, Prakash Chandra 439
Mishra, Purna Nath 1597
Mishra, Ram Kumar 1333
Mishra, Ramesh Kumar 2463
Misra, Ravindra Kumar 2979
Misra, S.C. 3471

Mishra, Saroj Kumar 1959
Misra, Seeta Ram 2895
Mishra, Shitla Prasad 2139
Mishra, Shiv Kumar 766
Mishra, Shiva Kumar 2063
Mishra, Shree Kant 1334
Mishra, Sohanlal 688
Mishra, Suman 1463
Mishra, Surendra Das 2894
Misra, Surya Narayana 3408
Mishra, Tapankumar 97
Misra, U.S. 3039
Mithilesh Kumar Singh 689
Mithilesh Prasad Singh 2224
Mithyantha, M. Sathyanarayana 3014
Mitra, Amarchandra 1974
Mitra, Ardhendu Bikash 1529
Mitra, Biswas Ranjan 690
Mitra, Dipti 615
Mitra, Gopalchandra 767
Mitra, Jyotir 2064
Mitra, Maya 2042
Mitra, Nivedita 1060
Mitra, Saral Kumar 1626
Mitra, Shanta 974
Mitra, Shyamali 285
Mitra, Tapati 1237
Mittal, C.K. 1779
Mittal, Pawan Kumar 1501
Modale, Ratna 1745
Modan Singh 2376
Mohammad Basha Mohideen 996
Mohammad Fahim 1801
Mohammad Hayat 1627
Mohammad Inamuddin 883
Mohammad Iqbal 1416
Mohammad Mohsin 1033
Mohammad Muddassirul Mulk 1608
Mohammad Selimuddin 138
Mohammad Yusuf 2733
Mohammed Shafi 1464
Mohammed Abdul Ghafoor 3472
Mohammed Hussain Ahmed 2303
Mohammed Mushtaq Ahmed 515
Mohammed Shaffat 3199
Mohammed, U.V.K. 1346
Mohan Kumar, V. 1841
Mohan Kumaran, N. 3258
Mohan Prakash 2225
Mohandas, A. 1554
Mohanty, J. 3504
Mohanty, Narendra Nath 2809
Mohanty, S. 2099
Mohinder Pal 801
Mohnot, S.M. 1417
Momin, A.R. 585
Momin, M.A. 1127
Moodbidri, S.B. 1746
Mor, Bhala Ram 2466
More, Narsimha Krishnaji 1465
More, Prabhakar Gopal 838
Morly Mohan Lal, G. 3356
Morris, Indira Dyna 1159
Moses, Golla John 2826
Moudgil, Virinder Kumar 997
Mudkhede, Laxman Marotirao 1574
Mukherjee, Arun Kumar 2041
Mukherjee, Asok Kumar 560
Mukherjee, Dibakar 286
Mukherjee, P.B. 2977
Mukherjee, Sourabrata 1419

MUKHOPADHYAY-MUKHOPADHYA, MUKHOPADHYAYA

Mukhopadhyay, Amal 1933
Mukhopadhyay, Arunkumar 1919
Mukhopadhyay, Asutosh 1943
Mukhopadhyay, Chandrasekhar 1818
Mukhopadhyay, Debasish 3290
Mukhopadhyay, Devi Prasad 3291
Mukhopadhyay, Dilip Kumar 1852
Mukhopadhyay, Jagadish 647
Mukhopadhyay, Kalyan Kumar 339
Mukhopadhyay, Kanaila 1160
Mukhopadhyay, Manaskumar 1780
Mukhopadhyay, Mangalacharan 1375
Mukhopadhyay, Pampa 363
Mukhopadhyaya, Pranabkanti 98
Mukhopadhyay, Prasadkumar 516
Mukhopadhyay, Prasantakumar 882
Mukhopadhyay, Pulak 768
Mukhopadhyay, Ranabir 1858
Mukhopadhya, S. 162
Mukhopadhyay, Saktiprasad 998
Mukhopadhyay, Sankar Kumar 139
Mukhopadhyay, Sibani 1819
Muley, Eknath Vishnupant 1577
Muley, V.B. 1238
Mundra, Satya Narayan 2226
Mungikar, Anil Madhukarrao 2555
Munirathnam, C.K. 287
Muniyamma, M. 769
Muniyappa, V. 2810

Munjal, Ram Lal 2811
Munnal, Kothanda Raman 1502
Munshi, Kishan Lal 1928
Munshi, Afzalur Rahman 1816
Murali Mohan, P. 1128
Murdia, U.S. 129
Murhar, Balkrishna Marland 1586
Murli Manohar 3388

MURTHI-MOORTI, MURTHY

Murthy, A.S. 2227
Moorti, T.V. 2141
Murthi, V.A. 1695
Murugesan, K. 1830
Mustafee, Tulshipada 691
Muthukrishnan, T.S. 2896
Muzaffar Alam 66
Mysorekar, Vishwanath Ramrao 1300

N.P. Singh 2377
Nadkarni, J.S. 2019
Nadkarni, Sunita V. 406
Nag, Anita 733
Nag, Debabrata 1747
Nag, Krishna Kumar 586
Nag, Manjurani 140
Nag, T.N. 440
Nagaiah, Kapalavayi 467
Nagalakshmi, C.M. 1437
Nagaprasad Rao, Nagulapalli 2256
Nagar, Pramod Kumar 3200
Nagaraj Rao, H.S. 2304
Nagarajamani, Jana 364
Nagarajan, K. 1335
Nagarajan, Subrahamanian 386
Nagasubba Reddy, Redyam 2767
Naghhushan, T.D.J. 2142
Nagendra Nath Reddy, K. 125
Nagendra Prasad Singh 2228
Nageshwar Rao, Y. 648
Nageswara Reddy, Meka 2726
Naggar, Mohammed Nour El Din Ismail 1859
Nagpal, Gurdeep Kaur 2966
Nagrajan, Rama 1357
Nagur, T. 3116
Naif, S. Karadshah 1781

NAIK-NAYAK

Naik, Dhruva Raj 1034
Naik, Hari Sen 3473
Naik, M.P. 1161
Naik, Mahendra Nathubhai 3015
Nayak, Manik Lal 2862
Naik, Mukund Lal 692
Nayak, R.P.S. Kumar 1466
Nayak, Rabindranath 2020
Nayak, Raji Lochan 3061
Naik, S.R. 1915
Naik, Shakrijit 1348
Nainawatee, Himmat Singh 2274
Naipal Bahadur Singh 180
Nakra, Swadesh Kumar 3505
Nalavade, Maruti Nivrutti 1162
Nambiar, P.K. Narayanan 2637
Nameeta, Narendra 770
Nanak Singh 2636
Nanaware, Shivdas Ganpati 1088
Nanda, Govinder Singh 2467
Nanda, Kanan 561
Nandchachal, Nalini 1035
Nandi, Biplabkanti 1163
Nandra, Kuldip Singh 468
Nanjappa, Chowdahalli, Kongallappa 2897
Narang, Mohinder Partap 3357
Narasapur, Venketesh Shamarao 3474
Narasinha Rao 3016
Narasimha Rao, K. 1787
Narasimha Rao, N. 2468
Narasimhan, P.V. 999
Narasimhan, T. 1186
Narasubhai, Angara Venkata 949
Narayan, Akhouri Krishna Deo 802
Narayana, K.V.L. 1642
Narayana Pillai, Sankar 2980
Narayana Rao, A. 441
Narayana Rao, K. 562
Narayana Reddy, M. 2690
Narayana Reddy, Yarragudi 3186
Narayanan, M. 1686
Narayanan, N. 1123
Narendra, D.V. 929
Narendra Bahadur Singh 2469
Narendra Deo 1963
Narendra Pal Singh 3358
Narendra Pratap Singh 3201
Narendra Singh 1129
Narendranath, C. 1617
Narkhedi, Madhukar Namdeo 2470
Narkhede, N.N. 3138
Narsimha Rao, L. 1438
Narsimham, Chetluru 1467
Narsing Rao, A. 693

Narsingh Narain Singh 2471
Narsinghani, V.G. 2472
Narula, Prem Nath 2473
Narula, Subhash Chandra 1668
Naseema, N. 1313
Nath, Rampati 875
Nathani, M.G. 1000
Nathawat, Kan Singh 311
Nautiyal, Girish Chandra 1164

NAYAR-NAIR

Nayar, N.G. 2967
Nair, P.K.R. 3137
Nayar, R.V. 3139
Nem Singh 3475
Nema, Narayan Prasad 2474
Nerkar, Yogendra Shankar 2475
Nigani, B.C. 244
Nigam, Dinesh Chandra 694
Nigam, Prem Mohan 3017
Nigam, S.N. 2476
Nihal Singh 3156
Nijalingappa, B.H.M. 771
Nikam, P.K. 1669
Nimbalkar, Jayaji Dharrao 245
Nirmal, G.J. 1856
Nirmala 67
Nirmala, N.A. 1503
Nirmaljit Singh 2827
Nyani, Krishnanda 2931

Oberoi, Mohinder Singh 3476
Ojra, Jawahir Lal 3477

OJHA-OZA

Oza, Anant Mohan 2768
Ojha, Divakar 2073
Ojha, Jagdish 1323
Ojha, Jharkhandey 2067
Ojha, P.P. 1468
Om Pal Singh 1628
Om Parkash 2589
Om Prakash 2863
Om Prakash 3062
Om Prakash Singh 3018
Omkar Parshad 3409
Onkar Nath Singh 3063
Onkarayya, H. 2308
Osborne, Ajit Kumar Das 734
Oswal, Manak Chand 2727

Pachauri, Saroj 2043
Pachauri, Suraj Pal 3478
Padate, Satyendra Narayanrao 839
Padgaonkar, A.S. 1036
Padgaonkar, S.V. 68
Padmaja Rao, S. 563
Padmanabha Rao, M.A. 1704
Padmanabha Sarma, N. 2477
Padmanabhaiah, D.R. 2350
Padmanabhan Nambisan, K.M. 3226
Padmaraju, Alluri 2691
Padmavathi, K. 695
Pahwa, Malha Ram 2306
Pal, Aruna 649
Pal, Dilip Kumar 69
Pal, R.N. 288
Pal, Ram Swaroop 2229
Pal, Ranjit Kumar 803
Pal, Satya Kinkar 2378
Pal, Sima 772
Pal, Surendra 630
Pal, Sushil Chandra 942
Pal, Tarun Kumar 2143
Pal, U.R. 3161
Palanichamy, Kumaravel 2100
Palayoor, Thomas 1831
Palekar, M.S. 2021
Palit, Runu 1282
Palled, Shivalingappa Somappa 2230
Palta, Harinder Krishen 407
Panchal, Dhananjay Ichharam 1842
Panchmukhi, B.G. 3389
Panda, Braja Sundur 2478
Panda, Prafulla Chandra 177

PANDEY-PANDE, PANDHYE

Pandey, Amar Nath 696
Pandey, Bagleshwar Prasad 2479
Pandey, Braj Kishor 905
Pandey, Devendra Kumar 517
Pandey, Devi Prasad 2144
Pandey, Dina Nath 2145
Pande, Ishwar Chandra 3202
Pandey, Keshaw Prasad 2191
Pandey, Khushi Ram 2828
Pandey, M.P. 2480
Pandhye, Mukund Dattatraya 587
Pandey, N.K. 2307
Pandey, Pradyumn 2074
Pande, Rajendra Prasad 650
Pandey, Rama Shankar 2932
Pandey, S.N. 2933
Pande, S.P. 3527
Pandey, Sidhinath 3170
Pandey, Suratwanti 1530
Pandey, Suresh Chandra 2864

Pandey, Vidya Bhushan 1894
Pandhare, Arvind Babanrao 1349
Pandian, M.R. 1788
Pandit, B.R. 697
Pandit, V.J. 153
Pandu, S. Rama 2968
Panduranga Rao, C.C. 3479
Pandya, Purnima 1469

PANIKKAR-PANICKAR

Panikkar, A.O.N. 656
Panickar, R. Govinda 1439
Panikkar, P. Seethanathan, K.K. 1748
Panini, S.R. 99
Panjarathinam, R. 3480

PANT-PANTA

Pant, Giri Bala 894
Pant, Jeevan Chander 950
Panta, K.S. 3064
Pant, Kanta Prasad 3323
Panwar, Karan Singh 3178
Papi Reddy, T. 2481
Parabia, Minoo Hiraji 840
Paradkar, Sindhu Amrut 8
Parameswaran, M. 2054
Parameswaran Pillai, P. 210
Parashar, Krishna Swarup 3245
Pardhanandana Reddy, P. 1067
Parhad, Narsing Manikrao 163
Paria, Pranabesh 2482
Parihar, N.S. 3481

PARIKH-PAREEK

Pareek, R.P. 2308
Parikh, Sureshchandra Chimanlal 1749
Parmar, Balraj Singh 3019
Parmar, Charanjit 3224
Parmar, Shivnarayan 1307
Parmatma Singh 2146
Parmeshwar Dayal 3410
Parshotam Kumar 246
Parsotam Ram 2575
Parthasarathy, S. 1001
Parthasarathy, V.V. 100
Parvatha Reddy, P. 2898
Pasilu, Immanni China 2934
Pashine, R.G. 1376
Patankar, Tarabai Vaman 841
Patel, Amritbhai Ishwarbhai 842
Patel, Bhikhabhai Harmanbhai 1622
Patel, Dharmdasi Chinubhai 172
Patel, Geeta C. 1308
Patel, I.M. 247
Patel, Jawaharlal Maniklal 1750
Patel, Jyotindra Dahyabhai 616
Patel, Kalidas Ambalal 2638
Patel, M.Z. 9
Patel, Mohanlal Navjibhai 2679
Patel, N.B. 1934
Patel, Nagarbhai Amichand 2639
Patel, Natwarlal Khodabhai 2590
Patel, Nityanandkumar Gordhanbhai 2935
Patel, Rameschandra Mohanbhai 843
Patel, Raojibhai Chaturbhai 657
Pathak, Manmohan 2483
Pathak, Nitya Nand 3359
Pathak, Ram Kripal 3227
Pathak, Suresh Narain 2088
Pathak, Virendra Nath 2591
Pathan, T.S. 789
Pati Ram 2592
Patil, Baburao Ramchandra 3065
Patil, Baburao Maruti 3140
Patil, Bhaskarrao Bajirao 3179
Patil, D.L. 2275
Patil, Eknath Arjunrao 2692
Patil, Ganesh Vyankatrao 10
Patil, J.G. 2231
Patil, Krishna Dadaji 2351
Patil, Laxman Kalu 2829
Patil, M.B. 101
Patil, M.M. 2552
Patil, Vishnu Kishan 3323
Patla, Bholaram 3360
Patnaik, Mohan Charan 2484
Patnaik, Swaraj Keshari 1002
Pattabhiraman, S.R. 3411
Paturkar, V.K. 2147
Pavan Kumar 2485
Pavithran, K. 3324

PAWAR-POWAR

Pawar, Achhar Dev 2936
Pawar, Chandraprakash Bhagwantrao 1377
Pawar, Indira Sathyanarayana Rao 844
Pawar, K.R. 3162
Pawar, Vinayak Motiram 2937
Peer, Santosh 1389
Pershotam Kumar 2593

Peter, K.V. 2486
Peter, M. George 211
Phadke, Kamalakar Gopal 2938
Phadnis, B.A. 2487
Phansalkar, Ravindra Balkrishna 1283
Philip, John 1140
Phool Singh 3361
Phukan, M.N. 42
Phulwari Lal 2680
Poddar, Mrinalkanti 102
Pokhriyal, Tapish Chander 248
Pommayya Shetty, Gopalkrishna 564
Ponnuswamy, K.N. 2101
Popli, Trilochan Singh 3428

PORE-POOREY

Pore, Anagha Anil 1204
Poorey, Bharat Kumar 1037
Pore, M.S. 3157
Potnis, A.V. 1751
Prabakaran, E. 1314
Prabhakara, J. 2693
Prabhala Kumar 3362
Pradeep Kumar 1440
Pradhan, Subhendu Kumar 2576
Praduman Kumar 2148
Prakash Chandra 1164
Prakash Narain 2488
Prakashan, K.M. 2309

PRAMANICK-PRAMANIK

Pramanick, Dipak Kumar 3187
Pramanick, Maitrayee 2310
Pramanik, Manisha 103
Pramod Kumar 11
Prasad Rao, Shyam Sundar 2379
Prasada Reddy, T.L. 1955
Pratap Narain 2769
Pratap Singh 1603
Pratap Singh 2789
Prem Bala 1504
Prem Sagar 3040
Prem Singh 3225
Prema, K. 1752
Prema, S. 1753
Prema Kumar, R. 469
Premkumar, V.K. 1562
Prithipal Singh 617
Promod Kumar 1390
Punde, L.D. 249
Puntambekar, Prabhakar Manikrao 3363
Purandare, T.V. 1711
Puri, Ravinder Kumar 1895
Puri, Shasi 2232
Puri, Subhash Narsinh 2939
Puri, Vipla 1832
Purnachandra Rao, K. 12
Purnachandra Rao, Kari Venkata 2594
Purushottam Roa, A. 1120
Purushothaman, D. 2353
Purwar, Ramashankar 1391
Pushpa Lata 408
Pushpendran, C.K. 1004
Pushpindar Kaur 1531
Pyare Lal 3066
Pyare Mohan Singh 2192
Pyrda Rao, Yenneti 2715

Qadri, M.Y. 1392
Qaisar, Jehan 1005
Quazi, Azmatunisa 1578
Qureshi, Tulef Ahmed 1284

R.A. Singh 2149
R.N. Singh 2969
R.P. Singh 3141
Rabindranath, P. 1616
Rabindra Nath Singh 2790
Radha, E. 1187
Radhakrishnan, Isvari Iyer 70
Radhakrishnan, M.R. 47
Radhakrishnan, N. 1470
Radhakrishnan Potti, G. 130
Radhey Shyam 773
Ragavendra, S. 518
Raghavaiah, Sompallee Chinna 1336
Raghavan, K.G. 71
Raghavan, R. 3482
Raghavendra Rao, C. 1239
Raghavendra Rao, R. 845
Raghbir Singh 2640
Raghu Kumar, S. 906
Raghunathan, R. 141
Raghunathan, V. 2770
Raghuram Shetty, S.V. 3020
Raghuraman, R. 975
Raghuvanshi, Chandralekha 1285
Ragothaman, G. 192
Rai, Ashwani Kumar 250
Rai, Bijai Shankar 2150
Rai, Jagdish 1975
Rai, Kamla Kant 519

Rai, Mangala 2489
Rai, Pramod Kumar 251
Rai, Rajendra 2490
Rai, Rajendra Prasad 520
Rai, Raman 2771
Rai, Sashi 521
Rai, Surinder Nath 2151
Rai, Umesh 3021
Raikar, M.R. 735
Raina, Suresh Kumar 1038
Raizada, Rajendra Behari 1039
Raizadey, Kanti 1089
Raj, Harihar 2830
Raj, N. Babu Kishan 104
Raj, Narayan 3528
Raj, Satya Kinkar 522
Raj, Shalini 1350
Raj Bahadur Singh 936
Raj Bir Singh 2831
Raj Kishore Singh 2380
Raj Kumar 2491
Raj Kumar 3325
Raj Pal 2706
Raj Pal Singh 2276
Raj Vir Singh 2154
Raja, E. Ebenezer 3483
Raja Ram 3163
Raja Ram Singh 3172
Raja Ram Singh 3215
Raja Reddy, Ceekala 2492
Rajagopal, T. 846
Rajagopalan Nair, C. 442
Rajak, Ram Charan 618
Rajamanickam, C. 154
Rajan, A. 3484
Rajan, K.C. 1555
Rajan, K.M. 2812
Rajendra Pal Singh 2556
Rajendra Prasad 105
Rajendra Pratap Singh 698
Rajendra Prosad 1532
Rajendra Singh 1040
Rajendra Singh 2152
Rajendra Singh 2940
Rajendran, M. 212
Rajendran, M.V. 1696
Rajendran, P.G. 3292
Rajendran, R. 3278
Rajeshwar Prasad Singh 2075
Rajeswari, G. 1315
Rajeswari, P. 1514
Rajgopal, Gopa 1358
Rajinder Kaur 2865
Rajinder Parshad 2233
Rajpal, S. Gurudayal Singh 365
Rajput, Pritam Singh 3142

RAJU-RAJOO

Raju, G.S.N. 2772
Rajoo, Rajinder Kumar 2577
Raju, V.T. 2153
Rajvir Singh 565
Rakshit, Samir Chandra 340
Ram, B.B. 2493
Ram, Gauri Shankar 2155
Ram, H.H. 2494
Ram, Lal Chandra 2694
Ram Awatar Singh 2156
Ram Das Singh 2157
Ram Dayal Singh 2557
Ram Deo 2578
Ram Harishwar Singh 289
Ram Harishwar Singh 619
Ram Iqbal Singh 2158
Ram Kripalu Singh 3067
Ram Krishan 2495
Ram Krishan 2734
Ram Kumar 443
Ram Kumar 2159
Ram Kunwar Singh 1393
Ram Lakhan Singh 699
Ram Lakshan Singh 3412
Ram Narayan Singh 2866
Ram Naresh Singh 2160
Ram Parkash 3022
Ram Partap Singh 2773
Ram Singh 3023
Ram Sundar Singh 3529
Ram Surat Singh 2641
Rama Devi, P. 1587
Rama Koteswara Rao, Gatram 444
Rama Krishna Reddy, P. 1090
Rama Krishnayya, B. Venkata 2595
Rama Murthy, M.K. 3530
Rama Rao, Movva 3272
Rama Rao, Vellanki Venkata 2193
Rama Sastry, Dhara Venkata 2814
Rama Sastry, R.V. 214
Rama Seshaiah, B. 2496
Rama Shankar Singh 620
Rama Shanker Singh 2497
Rama Shanker Singh 2642
Rama Subbaiah, K. 3024
Ramachandra Rao, Biradavolu 3326
Ramachandra Rao, R. 1205
Ramachandra Reddy, A. 2498
Ramachandran, C.K. 1812
Ramachandran, P.K. 2234

RAMACHANDRAN NAIR-
RAMACHANDRAN NAYAR

Ramachandran Nayar, A.G. 445
Ramachandran Nair, P.V. 193
Ramaiah, N.K. 1259
Ramakrishna, M. 1649
Ramakrishna, S. 290
Ramakrishna Rao, M. 387
Ramakrishna Reddy, T. 252
Ramalinga Reddy, Obbineni 2832
Ramalingam, N. 1286
Ramamohan, Yenumuladoddi 2033
Raman, K.R. 3293
Raman, Rajiva 1505
Ramana Murty, K.V. 213
Ramana Rao, T.C. 312
Ramana Rao, V.J. 1206
Ramanandan, P. 804
Ramanarayanan, M. 291
Ramanatha Menon, M. 2970
Ramanatha Rao, V. 2499
Ramanathan, G. 2596
Ramanathan, R. 1813
Ramanujam, K. 2813
Ramanujam, P. 1876

RAMASWAMY-
RAMASWAMI

Ramaswamy, K.R. 2330
Ramaswamy, Kalyana Sundaram 3379
Ramaswami, N. 1754
Ramaswamy, N.M. 366
Ramaswamy, S. 1207
Rambhav, S. 126
Ramchandra, D. 2744
Ramesh Babu, V. 253
Ramesh Chand 3195
Ramesh Chander 3390
Ramesh Chander 3429
Ramesh Shanker Singh 3294
Rami Reddy, D. Dasardha 2941
Ramjilal 3112
Ramrao, K.B. 700
Ramvir Singh 3216
Ran Singh 2597
Ran Singh 3236
Rana, Bhupendra Chandra 701
Rana, Devinder Singh 2728
Rana, R.S. 3485
Rana, Suresh Vir Singh 1471
Rana, Vijai Shanker Singh 651
Ranawat, Mahendra Pal Singh 702
Ranbir Singh 3413
Randhawa, Manjeet 43
Randhawa, Manjit Kaur 2311
Rane, Dnyandeo Bajirao 2579
Ranga Rao, Velagaleti 907
Ranganathan, S. 72
Rangarajan, R. 638
Rangaraju, R. 2971

RANGAREDDI-
RANGAREDDY

Rangareddi, Muddasani 3068
Rangareddy, Pothireddy 523
Rangasamy, P. 2643
Rangaswamy, Vellore Balasundaram 2312
Rangnekar, K.N. 106
Ranjit Singh 2235
Rao, A.V. 937
Rao, D.B. 1853
Rao, Dev 847
Rao, Uma V. 1166
Rastogi, Surendra Kumar 2644
Ratan Kumar Singh 2161
Rath, G.C. 2867
Rath, Narayan Chandra 1006
Rathaiah, Yella 2833
Rathi, Khacheru Singh 3069
Rathi, Sukhvir Singh 3327
Rathi, Y.P. Singh 2972
Rathinam, Amirtha Deva 2500

RATHORE-RATHOD

Rathore, Daya Nand 2558
Rathore, Dharmendra Singh 3203
Rathore, G.S. 2645
Rathod, Kanti Lal 2162
Rathore, Ram Kishore Singh 621
Rathore, Suraj Vir Singh 3282
Rathore, Surendra Singh 3070
Rathore, Surendra Singh 3251
Ratna Singh 703
Ratnalikar, S.V. 622
Ratnamala 1583
Ratnaparkhi, Sharada 588
Raturi, Govind Ballabh 3196
Raut, Shukdeo 3071
Raval, Upendra M. 1337
Ravi, S. Bale 3143
Ravi Chandra 2007
Ravi Rao, U. 1167
Ravi Shanker 2008
Ravindra Nath 409

Ravindranath, M H. 1316
Ravindranath, S.D. 292
Rawat, Dinesh Chandra 1487
Ray, Arun Krishna 705
Ray, Arun Kumar 1218
Ray, Asitranjan 1920
Ray, Biswendranarayan 3242
Ray, Buddhadeb 131
Ray, Dilipkumar 1168
Ray, Gaurangachandra 1862
Ray, Gauri 2646
Ray, Ira 164
Ray, Parthasankar 1091
Ray, Pradipkumar 107
Ray, Prasantakumar 108
Ray, Satyes Chandra 774
Ray, Subhankar 446
Ray, Sukumar 3041
Ray, Swadeskumar 1755

RAYCHAUDHURI-
RAICHAUDHURI,
RAYCHOUDHURY,
RAYCHOWDHURI

Raichaudhuri, Ahindranath 1976
Raychaudhuri, Chandra Kumar 1802
Raychaudhuri, Dilipkumar 1708
Raychaudhuri, Minati 2973
Raychaudhuri, Nagendranath 1756
Raychowdhuri, Nirmalya Kumar 2354
Raychoudhury, Raiyasree 1169
Raychaudhuri, Symal Kumar 73
Raychaudhuri, Twisha 1506
Rayudu, G. Venkata Narasimha 736
Raza, Syed Hasan 704
Razdan, Bal Kishen 1877
Razdan, M.K. 775
Raziuddin, S. 1757
Razzak, Z.A. 1996
Reddy, C.M. 2313
Reddy, C.R.R.M. 1584
Reddy, K R. 2381
Redra Setty, T.M. 165
Re o. Thomas Jepry 3144
Rekhari, Kamla 1041
Renapurkar, D.M. 1860
Reuben, Donald Ernest 566
Rhodes, Florence Kathleen 1977
Riar, Surjit Singh 3414
Riksh Pal Singh 3072
Ripudaman Singh 3364
Ripusudan Prasad Singh 2559
Rishi, Amrit Kumar 2791
Rishi, Kewal Krishan 1533
Rishi, N.D. 1338
Rishi, Yeshwant Vishupant 293
Rohini Iyer 2834
Romesh Lal 2501
Room Singh 2695
Roy, Abhai Narain 524
Roy, Arabinda 109
Roy, Binoy Kumar 254
Roy, D.C. 938
Roy, Dipali 1935
Roy, Haldhar 805
Roy, Kirit 367
Roy, Manojkanti 458
Roy, Mira 1240
Roy, Nawal Kishore 2236
Roy, Phanindra Mohan 341
Roy, Pronabesh 1241
Roy, Ramankumar 1007
Roy, Sadhan Chandra 2647
Roy, Samir Kumar 1170
Roy, Shila 368
Roy, Surya Bansh 3145
Roy Choudhury, Gunindra Kumar 3486
Roy Chowdhury, Robindra 3328
Royan, Joseph P. 1581
Ruavali, Kheemanand 567
Rudra Pratap Singh 2868
Rudraksha, Gangaram Bhagwant 2648
Rudramuniappa, C.K. 790

Sabnis, Jayant Hanumant 1359
Sachan, Jagat Narain 2942
Sachan, Jai Karan Singh 2502
Sachan, Ram Singh 2671
Sachan, Sheo Charan Prasad 3266
Sachar, Gyan Chandra 2943
Sachdeva, Krishan Kumar 3365
Sachdeva, Sudarshan Kumar 776
Sacheti, A.K. 2649
Sadana, Jivinda Ram 3487
Sadasivam, K.V. 2314
Sadasivan Pillai, K. 1420
Sadhu, Manoj Kumar 3243
Saengchjan, Santanah 2277
Safaya, Nirander Mohan 271
Safaya, Phoola 1534
Saghra Begum 74
Saha, Bishnu Pada 1921
Saha, Ganesh 3366
Saha, Gour Mohan 2102

Saha, Gunendranath 1650
Saha, Nilmani 1984
Saha, Nita 777

SAHAY-SAHAI

Sahay, Krishna Kumar 2163
Sahai, R. 1130
Sahay, Sashikala 885
Sahai, Suman 2503
Sahay, Umapati 1242
Sahai, Yadunandan 1472
Sahrawat, Kanwar Lal 2278

SAHU-SAHOO

Sahoo, Mohinder Singh 2504
Sahu, S. 3391
Sahu, Sakti Sankar 2650
Saidapur, Srinivas Kishanrao 1360
Sailendri, K. 1287
Saini, Kuldip Kaur 2279
Saini, Madan Lal 2505
Saini, Rajeshwari Singh 1473
Saini, Sohan Singh 3237
Sajjan, S. Nirmala 1512
Sakthivel, M. 194
Salunke, Madhusudan Rasaheb 2355
Samanta, Prabhanjankumar 791
Samar Jit Singh 3252
Sambray, Y.M. 1208
Samiullah 272
Sammanwar, R.D. 3531
Samolo, Biswanath 2506
Samra, Jagir Singh 2696
Samra, Jasbir Singh 3259
Sandhu, Anoop Singh 2237
Sandhu, Baljit Singh 2507
Sandhu, Harbans Kaur 2164
Sandhu, Karam Singh 3246
Sandhu, Kulwant Singh 3095
Sandhu, Tarlochan Singh 3164
Sandhu, Tejinder Kaur 1535
Sangappa, Salanki Adappa 255
Sanghavi, Kamalnayan Uttamchand 2103
Sankara Reddy, Appacherla 1556
Sankaran, L. 1758
Sankaran, M.S. 1092
Sankaran, Subramanian 3025
Sankaran, V. 876
Sankaranarayanan Iyer, Mangallam 470
Sankhayam, Prem Lal 2165
Sann Aung, U. 1171
Sanoria, Yemchand 2238
Sant Kumar 3430
Sant Parkash 778
Sant Ram 2356
Santa Devi, N.S. 1992
Santhakumaran, L.N. 195
Santhakumari, P. 220
Santhakumari, V. 1243
Santhanakrishnan, G. 1585
Santosh Pratap Singh 1093
Santra, Sandhya 525
Sanwal, Prakash Chandra 1536
Sanyal, Amitava 1759
Sanyal, Mandira 1537
Sanyal, Manindranath 848
Sanyal, Sabitri 2001
Sanyal, Tapati 1896
Saoji, Arati A. 388
Sapka, Watsala Manohar 1288

SAPRE-SAPRA

Sapre, A.B. 589
Sapra, Pushpinder 21
Sapre, V.A. 3488
Sapru, Hreday Nath 1897
Sarabhai, Rakesh Kumar 342
Saraswat, Kripa Shanker 13
Saraswat, Viswanath 2166
Saraswathy, T. 1538
Saraswathy Devi, K. 1760
Sardar Singh 2707
Sardara Singh 2239
Sarin, Y.K. 849
Sarjit Singh 2240

SARKAR-SIRKAR

Sarkar, Aditi 1761
Sarkar, Amiya Kumar 779
Sarkar, Anjali 623
Sarkar, Anjali 877
Sarkar, Debaprasad 1351
Sarkar, Debjani 1898
Sarkar, Dineschandra 1427
Sarkar, Gopes Chandra 624
Sarkar, Gorachand 1762
Sarkar, Pijus Kanti 1922
Sarkar, Santoshkumar 343
Sirkar, Sheela 263
Sarkar, Sujit Kumar 526
Sarvesh Kumar 1441
Sashiprabha Singh 459
Sasikumar, B. 625
Sasi Kumar Nair 2315

Sasmal, Biman Gopal 737
Sat Narain 2598
Sathe, Padmakar Gangadhar 908
Sathyanarayana Setty, Bachhu Akkalappa 2508
Sathyavathi, K. 2002
Satija Des Raj 2509
Satinder Dev 2651
Satish Chander 452
Satish Chander 2241
Satpathy, Jagan Mohan 2944
Satya Murthy, M. 2022
Satya Vir 2869
Satyanarayana, Alapati 2510
Satyanarayana, Datta 447
Satyanarayana, Karnam 2167
Satyanarayana, Vulchi 3073
Satyanarayana Charyulu, N. 3489

SATYANARAYANA MURTY-SATYANARAYANA MURTHY

Satyanarayana Murty, A. 3367
Satyanarayana Murthy, G. 142
Satyanarayana Rao, M.R. 75
Satyanarayana Rao, V. 1929
Satyanesan, A.G. 1394
Satyaswaroop, P.G. 1172
Satyawali, Damodar 2511
Satyendra Kumar 313
Savagam, K.A. 1173
Savithramma 967
Sawant, K.B. 215
Sawant, Vijay Annasaheb 1191
Sawhney, Jaswant Singh 3096
Sawhney, R.S. 453
Sawhney, Rajendra Nath 314
Sawhney, Surender Kumar 2280

SAXENA-SAKSENA

Saxena, Arjun K. 389
Saxena, Ashok Kumar 1042
Saxena, Ashok Kumar 1263
Saksena, Harimohan Krisna 943
Saxena, Hemant Kumar 2382
Saxena, K.B. 3074
Saxena, Mahendra Dayal 706
Saxena, Mahesh Chandra 641
Saxena, Maheshwar Raj 652
Saxena, O.P. 3392
Saxena, Prabha 1121
Saxena, Rajendra Mohan 1507
Saxena, Ramesh Chandra 1633
Saxena, Santosh Kumari 1244
Saxena, Saroj 1289
Saxena, Shakuntla 1008
Saxena, Suresh Chandra 3490
Saxena, Umesh Chandra 3415
Saxena, Vijai Bahadur 3329
Sayed Mohammad Shamsul Haque 2242
Sayed Shokat Munir 181
Sebastian, K.T. 626
Sebastian, M.J. 216
Seetharam, P.L. 1508
Seetharama, N. 482
Sehgal, Krishna Lal 1615
Sehgal, Ram 2745
Sekhawat, Girdhari Singh 2835
Selvarajan, V.R. 1131
Sen, Arati 792
Sen, Ganga Prasad 166
Sen, Hemadri Sekhar 2708
Sen, Jaharkumar 1245
Sen, K.K. 1789
Sen, Paramtapa 1899
Sen, Saumitra Kumar 2512
Sen, Subha 1210
Sen, Subir 850
Sen, Sujit Kumar 1978
Sen, Sumitra 806
Sen, Tulika 44
Sengupta, Anima 1763
Sengupta, B.P. 3393
Sengupta, Bishwanath 3217
Sengupta, Chhanda 1174
Sengupta, Diptischandra 1764
Sengupta, Dwijendranath 1979
Sengupta, Jayasree 1833
Sengupta, Mamta 1141
Sengupta, Subhabrata 155
Sengupta, Sunil Kumar 3075
Sengupta, Utpal 2055
Seshachalam, U. Subhashini 344
Seshadri, Kaipa 909
Seshadri, R. 1808
Seshagiri, Anentha Ramaiah 2104
Seth, Manohar Lal 527
Seth, Onkar Nath 1175
Seth, Onkarnath 1317
Seth, Tilak Raj 1697
Seth, Vincy 1215
Sethi, Jaspal Singh 1474
Sethi, Krishan Lal 3180
Sethi, Prabh Dayal 1900
Sethi, Rajpal 2316
Sewa Lal 3253
Shad, F.U. 1318

Shaw, A.A. 1249
Shah, A.M. 627
Shah, Dinesh Ghanshyamdas 1854
Shah, H.K. 410
Shah, H.O. 398
Shaw, N.M. 852
Shah, Purushottam Bhogilal 1765
Shah, R.G. 1944
Shah, Varsha 2056
Shahi, Hari Narain 3026
Shahul Hameed, M. 1246
Shaik Allaudeen, H. 1783
Shaikh, Meera Mohiuddin 3416
Shaila, M.S. 1784
Shakeel Ahmad 1609
Shakuntala, Katre 1421
Shakunthala, N. 1422
Shalendra Kumar 2358
Shambhu Nath 1423
Shamshuddin Ahmed 807
Shandilya, Loknath 1095
Shanmugham, N. 2870
Shantaram, M.V. 2719
Shanthamma, C. 890
Sharada Prasad Singh 2560
Sharda 1539
Sharda, Amrit Nath 3295
Sharda, Anil Kumar 2697
Sharda, H.C. 2243
Sharda Devi 1670
Sharifa Akhtar 199

Sarma, A.L.N. 221
Sarma, Ajaykumar 1209
Sharma, Anand Prakash 738
Sharma, Avinash Chand 2168
Sharma, B.V.S. 76
Sharma, Baboo Ram 3260
Sharma, Bhomri Lal 3076
Sharma, Bhuvnesh Chandra 528
Sarma, Chandra Mohan 2357
Sharma, Chhaya 14
Sharma, Chhotelal 1395
Sharma, D.C. 156
Sharma, D.C. 2672
Sharma, D.C. 3181
Sharma, Deoki Nandan 3491
Sharma, Devendra Kumar 529
Sharma, Dharam Datt 3368
Sharma, Dharam Paul 1834
Sharma, Dinesh Chandra 143
Sarma, G. Hanumantharaya 1094
Sharma, Ganga Sharan 2513
Sharma, Gokal Chand 2945
Sharma, Guru Prasad 2068
Sharma, Harendra Nath 3506
Sharma, Harmesh Kumar 110
Sharma, Jone Nitravati 1766
Sharma, Jagdish Prasad 3283
Sharma, Jai Kumari 390
Sharma, Jawahar Ram 2514
Sharma, Jyoti Kumar 530
Sharma, K.K.V. 707
Sharma, Kalu Ram 910
Sharma, Kameshwar Prasad 3218
Sharma, Kanta 1301
Sharma, Kapil Kumar 1176
Sharma, Kavi Ratna 2089
Sharma, Keshav Datt 167
Sharma, Krishna Kant 639
Sharma, Manohar Lal 780
Sharma, Munshi Ram 3189
Sharma, Murlidhar 1043
Sharma, N.C. 1790
Sharma, Narendra Datt 933
Sharma, Naval Kumar 2899
Sharma, Om Parkash 1540
Sharma, Om Parkash 2244
Sharma, Prabha 2081
Sarma, Prasanna Kumar 369
Sharma, Prem Narain 1475
Sharma, Prem Vrat 1867
Sharma, R.B. 2580
Sharma, R.D. 2815
Sharma, R.D. 3492
Sharma, Radhey Shyam 3532
Sharma, Rajendra Kumar 1247
Sharma, Rajinder Pal 2652
Sharma, Ram Chandra 1688
Sharma, Ram Gopal 1396
Sharma, Ram Prakash 944
Sharma, Ramesh Chandra 1698
Sharma, Rati Ram 2713
Sharma, Ratan Chand 2774
Sharma, Ravinder Nath 3493
Sharma, Ravindra Dutt 2169
Sharma, Rishi Kumar 2515
Sharma, S.C. 708
Sharma, Satya Pal 2516
Sharma, Satyendra Nath 3494
Sharma, Sharwan Kumar 2245
Sharma, Shiv 851
Sharma, Shiv Dutt 3533
Sharma, Sukhdev 2105
Sharma, Sunder Lal 2871
Sharma, Suraj Prakash 1476

Sharma, Surender Kumar 1661
Sharma, Surendra Kumar 3146
Sharma, Surendra Pal Singh 3077
Sharma, Suresh Chander 127
Sharma, Sureshwar Prasad 1477
Sharma, Sushil Chandra 2561
Sharma, Swadesh 1541
Sarma, Tangirala Anjaneya 370
Sharma, Trilok Raj 2517
Sharma, Tryambak Nath 2069
Sharma, Usha 1044
Sharma, Vasundhara 256
Sharma, Vidya Sagar 1397
Sharma, Vijay Kumar 1542
Sharma, Vijay Kumar 2106
Sharma, Vineeta 1671
Sharma, Vinod Kumar 709
Sharma, Virender Kumar 2946
Sharma, Vishnu Kant 2775
Sarma, Y. Ramalinga 257
Shashi Bhushan Singh 2653
Shashi Prabha 1248
Shatrughna Singh 315
Sheikh Adam Shafi 1701
Sheikh Amjad Ali 1142
Sheikh Mohammad Talib 15
Shekar Shetty, H. 391
Shenoy, M.A. 411
Shenoy, M.M. 531
Sheo Govind 3197
Sher Bahadur Singh 2776
Sheriff, Iqbal Musthafa 1486
Shete, Natha Bebanrao 2246
Shethna, Y.I. 173
Shetty, U.T. 1985
Shinde, Daulatrao Amritrao 2746
Shinde, V.P. 1767
Shingarey, M.K. 2170
Shingari, Bal Krishan 3369
Shirodkar, A.S. 294
Shirodkar, P.Y. 448
Shiv Bahadur Singh 2872
Shiv Dhyan Singh 2873
Shiv Pujan Prasad 3417
Shiva Lochan Singh 2816
Shiva Vilas Singh 2518
Shivaji Singh 2331
Shori, Usha 1543
Shri Krishan 532
Shri Narain Singh 911
Shrimal, Ramnik Lal 710
Shriniwas 2581
Shriram Chandra Murti, G. 2359
Shrisunder, Shobha Charles 1612
Shroff, Vinodlal Natwarlal 2519
Shrotriya, Ganesh Chandra 3078
Shrotriya, P.G. 1916
Shukla, Aditya Narain 2247
Shukla, Annapurna 1855
Shukla, Dev Shankar 533
Shukla, Gopi Rani 1424
Shukla, Kamlesh Pratapray 3418
Shukla, Kamla Prasad 2076
Shukla, Parmeshwar 2654
Shukla, Rajnikant Kamalashanker 3330
Shukla, Ravindra Nath 951
Shukla, S.C. 2792
Shukla, Satya Prakash 2753
Shukla, Sheo Prakash 3097
Shyam Manohar 853
Shyam Singh 3204
Shyama Sundari, K. 1309

SIDDIQUI-SIDDIQI

Siddiqui, Abdul Qayyum 1689
Siddiqui, Bahar A. 392
Siddiqi, Maqsood Ali 1177
Siddiqui, Neena 1178
Sidhu, D.S. 2171
Sidhu, Gurdial Singh 2520
Sikdar, Haripada 2360
Sil, Arunkumar 1864
Sil, Jnanabrata 182
Sil, Uma 1917
Silas, E.G. 196
Sindhu, Jagveer Singh 2521
Sindhu, Manjit Singh 3534
Singhal, Gita 1124
Singhal, Kiran 912
Singhal, L.C. 16
Singhal, Om Prakash 3535
Singhania, Damodar Lal 3117
Singhania, Ram Autar 2793
Singhrol, C.S. 33
Sinha, Asha 1211
Sinha, Ashok 1250
Sinha, Ashok Kumar 345
Sinha, Bimal Dev 371
Sinha, Binod Kumar 2655
Sinha, Brajdhar Parsad 2248
Sinha, Girish Chandra Prasad 3079
Sinha, Gour Mohan 1442
Sinha, Hari Narayan 2656
Sinha, Krishan Mohan 1563
Sinha, Malabika 1925
Sinha, Minakshi 976
Sinha, Mohit Kumar 2522
Sinha, Mukti Nath 3536

Sinha, N.S. 2384
Sinha, Renuka 1980
Sinha, Sachidanand 3027
Sinha, Sandhya 808
Sinha, Satish Kumar 534
Sinha, Suraj Prakash 3331
Sinha Ray, Shyama Prosad 393
Sinnarkar, Narayan Pandharinath 2249
Sita Ram Singh 2194
Sivarajan, V.V. 854
Sivaramakrishna, N. 1825
Sivasubramanian, V. 2817
Skariah, Oommen 3537
Sobti, Ranbir Chander 1544
Sodhi, Sukhcharan Singh 3380
Sodhia, Mahendra Kumar 711
Sohm, Shrikrishna M. 2172
Sokhi, Santokh Singh 2874
Solanki, Kheem Raj 2523
Solomon, John Jeyasingh 535
Som, Manik Gopal 3273
Som Dutt 2875
Somaani, Laxmilal 2673
Somadden, Krishna 1629
Somawanshi, Ramrao Bajirao 2794
Somayajula, Raghovapudi Suryanarayan 1192
Somrith, Boriboon 2524
Sonam Angrup Ananda 3198
Songwan, Raghubir Singh 2525
Soni, Nawal Kishore 264
Sood, Lajpat Rai 186
Sood, Prem Prakash 1479
Sood, Sneh 895
Sopery, Sudhir Kumar 568
Soundara Rajan, M.S. 3147
Soundara Rajan, Sadhu Srinivasa 2526
Sowmini, C.N. 1865
Sowmini, P. 1378
Sree Kumar, K. 1009
Sree Rama Chandra Murty, Ganti 1046
Sreeleela, N.S. 295
Sreemannarayana, O. 3419
Sreemathi, G. 1045
Sreenivasan, P.S. 2257
Sreenivasulu Setty, B. 1096
Sreerama Murty, D. 316
Sreerama Reddy, G. 1515
Sreeramulu, C. 3028
Sridhar, M.K.C. 144
Sridhar, R. 2361
Sridharan, B. 2173
Sringarachari, A. 1010
Srinivasa Achar, B. 296
Srinivasa Murthy, Magal Hulirao 889
Srinivasa Rao, K. 1690
Srinivasa Rao, V. 2023
Srinivasan, C.N. 1806
Srinivasan, T.V. 346
Sriprakash, K.S. 1945
Sriramachandra Murty, Vajipeyayajula 1691

SRIVASTAVA-SHRIVASTAVA, SRIVASTAV

Srivastava, Ashok Kumar 913
Shrivastava, Atul Kumar 1398
Srivastava, Avinash Chandra 34
Srivastava, Dinanath 3538
Srivastava, Gyandra Kumar 1631
Srivastava, Hirdaya Narain 483
Srivastava, J.L. 2947
Srivastava, J.P. 3284
Srivastava, Janardan Prasad 3148
Shrivastava, Jyotindra Prasad 3370
Srivastava, Mangala Prasad 2362
Shrivastava, P.K. 1361
Srivastava, P.S. 2527
Srivastava, Prem Shankar 628
Srivastava, Radhey Shyam 1901
Srivastava, Radhey Shyam Lal 2174
Srivastava, Rai Virendra Nath 2009
Srivastava, Ram Krishna 712
Shrivastava, Ramakant 1478
Srivastava, Ravindra Nath 3495
Shrivastava, Rishidev Lal 2383
Srivastav, Satish Kumar 1047
Srivastava, Satyendra Nath 2528
Srivastava, Sheo Nath 2876
Srivastava, Shri Ram 1588
Srivastava, Shrikant Prasad 1362
Srivastava, Shyamji Lal 914
Srivastava, Sushil Kumar 2529
Srivastava, Umesh Kumar 1835
Srivastava, Vijai Kumar 3268
Srivastava, Vimlesh Chandra 1589
Srivastava, Virendra Singh 297
Srivastava, Vishwambhar Dyal 1630
Stephen, J. 781
Stephen, P.M. 1809
Subbaraju, R.C. 217
Subbarami Reddy, A. 1212
Subbarani Reddy, D. 2709

Subbarao I., Venkata 2657
Subbarao, Illa Venkata 2363
Subbarao, V.V. 1845
Subba Reddy, C. 653
Subba Reddy, V.V. 2024
Subhash Chander 3029
Subhedar, Vishikant Kashinathrao 1319
Subla, Bashir Ahmad 1339
Subramanian, N. 1179
Subramanya Sastry, K. 536
Subramonia Iyer, K. 449
Suchendra Mohan 629
Sudarshan Kumar 3507
Sudha Rao, S. 1011
Sudhir Chandra 569
Sudhir Kumar 258
Sukhija, Harindar Singh 2900
Sukray, Upadhya Ganapati 3149
Sukul, Nirmal Chandra 1610
Sukumar, Deyasi 2025
Sukumar, Kumuda 1097
Sukumaran, C.P. 471
Sukumaran, K.M. 2385
Suladmath, U.V. 3238
Sulkiyan, Dal Singh 570
Sultan Singh 2530
Sulunkhe, Ganpatrao Nathuram 3030
Sumal, Khushdev S.S. 1487
Suman Devi 1428
Sundaraman, V. 1509
Sundaramoorthy, V.T. 3031
Sundararaghavan, R. 855
Sundararajulu, G. 952
Sundaresan, A. 77
Sundarraj, Nirmala 168
Sunder Raj, C.V. 1946
Sunil Kumar 891
Sur, Pratima 1956
Suraj Bhan 2795
Surendra Kaur Diwansingh 1579
Surendra Nathan, K.P. 3381
Surendra Prakash Singh 1251
Surendra Pratap Singh 2741
Surendra Singh 1611
Suresh Chandra 878
Surinder 782
Surinder Kumar 2777
Surinder Nath 45
Suriya Narayanan, H. 953
Surjit Singh 1768
Surjit Singh 3508
Surya Bali Singh 412
Surya Prakasa Rao, V. 2531
Surya Prakash 22
Surya Prakash 111
Suryanarayana, Tangirala 298
Suryawanshi, Sheshrao Apparao 1048
Susheela, L. 112
Swami Rao, S. 2836
Swaraj Kumari 2364
Swarn Singh 3165
Syamasundaram Nair, K.N. 2175
Syed Islam Ahmad 915
Syed Mohammad 2778
Syed Sargaraz Ali 537
Syed Shamimul Hasan 1049

T.B. Singh 2532
Talda, U.K. 930
Talukdar, Jogendra Nath 1252
Talwalkar, V.R. 113
Tamhan, Sudhakar S. 3332
Tampi, Arumna Muralidharan 2250
Tandon, Ashok Kumar 1012
Tandon, Ram Nath 3539
Taneja, Satish Kumar 1098
Taneja, Vijai Kumar 3333
Tapan Som 114
Tara, S.V. 1513
Tarachand, U. 1013
Tarar, J.L. 347
Tarlok Singh 1363
Tarwadi, Shashikant Jagannath 713
Taskar, S.P. 2026
Tayyaba Sultana 1253
Tejendra Singh 959
Tejinder Pal Singh 2533
Tejpal, Swarnalata Lajpatrai 1254
Tejwani, G.A. 1782
Tekwani, Pushottam 115
Telang, Nityanand Trimbak 1302
Tembhare, Dnyaneshwar Bapuji 1399
Tendulkar, Jayawant Shadeo 931

THAKUR-TAKKAR, THAKAR, THAKER, THAKRE

Thakur, B.S. 3371
Thakur, Brij Bihari Lal 2868
Thakur, Dev Prasad 1443
Thakar, Devi Shankar 1481
Thakur, Dhanvir Singh 2176
Thaker, Dharmendrakumar Natwarlal 856
Thakur, Gopal Krishna 348
Takkar, Gurbachan Lal 1480

Thakur, K. Rup Singh 1425
Thakur, M.S. 2599
Thakur, Mohan Lal 1641
Thakur, Rabindra Nath 1324
Thakkar, Rajan Kumar 2317
Thakur, Ram Shankar 1099
Thakur, Rama Nand 3080
Thakur, Ramagya 317
Thakre, Sheshrao Krishnarao 3032
Thampan, T.N. Raghava Varman 1219
Thampy, D. Monikantan 1050
Thiagarajan Nair, Gopala Pillai 2251
Thimmappa, M.S. 2003
Thind, Buta Singh 2837
Thind, Swarn Kaur 1769
Thirupathaiah, V. 538
Th te, Anant Namdeo 916
Thobbi, V.V. 3033
Thomas, C.K. 3334
Thomas, C.T. 3372
Thomas, M.K. 654
Thomas, M.M. 1621
Thomas, N.T. 2877
Thomas, P.A. 1569
Thombre, M.V. 3034
Thyagaraja, B.S. 1051
Thyagarajan, P. 1770
Tikar, Digambar Tulsiram 1673
Tikekar, Primwada 1180
Tikoo, Pran Pyari 2948
Tippannavar, Mallappa Basappa 2600
Tiwana, Mewa Singh 3335

TIWARI-TEWARI, TIWARY

Tiwari, A.K. 539
Tewari, A.N. 3394
Tiwary, Amar Nath 3150
Tiwari, Anand Swaroop 2534
Tiwary, Braj Kumar 1290
Tiwari, D.K. 590
Tiwari, Devendra Nath 372
Tiwari, Girdhari Lal 939
Tiwari, Gomati Prasad 1482
Tewari, Gopi Nath 3261
Tiwari, Jai Prakash 3219
Tewari, Jamana Datt 259
Tiwari, Kalpana 23
Tiwari, Kashi Nath 2658
Tiwari, Mahendra Nath 540
Tiwari, Narendra Kumar 1255
Tiwari, Narmada Prasad 2177
Tiwari, Prem Narain 2674
Tewari, Priyamvada 2027
Tewari, R.N. 3042
Tiwari, Ram Krishna 1052
Tewari, Ravindra Nath 3262
Tiwari, S.D.N. 857
Tiwary, S.N. 2659
Tiwari, Surendra Nath 3104
Tewari, Ved Prakash 631
Tewari, Vijaya Krishna 1672
Toky, Krishan Lal 571
Tomar, Badan Singh 2178
Tomar, Vijay Singh 2582
Totadri, K. 879
Totey, N.G. 2583
Tribhuwan Narain Singh 3081
Tripathi, Narayan Prasad 1510
Tripathi, Narendra Nath 2901
Tripathi, R.C. 318
Tripathi, R.P. 2698
Tripathi, Ram Chandra 2878
Tripathi, Ram Swoyamber 2386
Tripathi, Satya Narain 2562
Tripathi, Satyendra Nath 783
Tripathi, Shambhu Saran 1100
Tripathi, Shashi Bhooshan 3082
Tripathi, Shivesh Chandra 967
Tripathi, Surendra Narain 2077
Trivedi, Anand Prakash 714
Trivedi, H.D. 1937
Tugnavat, Rajinder Kumar 715
Turkhede, Bhagwant Bajirao 2748
Tyagi, Bali Ram 2535
Tyagi, Brijendra Kumar 2681
Tyagi, Dharmvir Singh 2536
Tyagi, Hari Raj Singh 1483
Tyagi, P.C. 394
Tyagi, Shiva Kumar 2537
Tyagi, V.V.S. 572

Udai Bhan Singh 3182
Udai Bhan Singh 3395
Udai Pratap Singh 2538
Udai Singh 809
Ullasa, Bittira Aiyappa 2879
Uma, M.C. 573
Uma Nath Rao, B. 3496
Uma Nath Singh 716
Uma Shankar Singh 2179
Uma Singh 1598
Umabala, K. 260
Ummachchan, M. 858
Umrani, N.K. 3280
Unni, K.S. 717
Unnithan, G. Chandran 1053
Untawale, Arvind Gajanan 591

UPADHYAY-UPADHYAYA
UPADHAYAYA

Upadhyay, Chandrakant Mohanlal 1181
Upadhyay, Digvijay Narayan 918
Upadhyay, Krishna Datt 2902
Upadhayaya, Nagendra Pratap 3239
Upadhyaya, Shakti Nath 1484
Uppal, Surinder Kumar 1590
Upreety, Dinesh Chandra 261
Usha 541
Usha Lakshmi 145
Uthappa, I.M. 1364

V.D. Singh 1692
V.K. Singh 880
Vad, N.E. 1699
Vadlamudi, Vani Prasad 3420
Vaidohi, B.K. 919
Vaidya, A.B. 2028
Vaidya, Shridhar Madhaorao 3083
Vaidyanathan, A. 116
Vaikos, Nityanand Pralhadrao 632
Vamburkar, Anant Sharatchandra 1365
Varada Reddy, Tirumuru 1960
Varadan, K.M. 2660
Varalakshmi, G. 1771
Varisai Muhammad, S. 2722
Varkey, John 197
Varshney, Narendra Narayan 3540
Varshney, Rajendra Kumar 1055
Vasal, Sudhir 1101
Vasan, N.S. 3421
Vasant Rao 859
Vasanta Kumari, M. 1256
Vasantha, S. 450
Vasantha Naidu, Edala 3151
Vasudev, Marathe Gopal 2318
Vasdev, Sudesh Chander 2057
Vashistha, Ram Niwas 2949
Vasireddy, Tara 3084
Vats, Laxmi Kant 1651
Vatsala, P. 787
Ved Pal Singh 352
Ved Parkash 1836
Vedavyasa Rao, Padubidri 218
Veerabasappa Gowda, T. 1014
Veerabhadra Rao, M. 2838
Veerabhadra Reddy, Munagala 2974
Veeraraju, P. 35
Veeraraju, V. 2319
Veeresh, G.K. 3035
Velhankar, Dattatreya Purushottam 3422
Vembar, Ravindra Nath 2819
Venkata Chelam, Guda 2352
Venkatanarasimha Iyengar, B.R. 2661
Venkataramaiah, Kaluva 2539
Venkataraman, G.S. 940
Venkataraman, M. 1981
Venkataraman, S. 920
Venkataramanan, Madras Narasimham 921
Venkatarao, B. 1944
Venkatarao, D. 1902
Venkatarathnam, L. 2699
Venkataseshu Reddy, K. 2903
Venkatasubbaiah, K. 262
Venkatasubbaiah, P. 2058
Venkatasubbarao, Karur 1693
Venkatasubbu, V.S. 1903
Venkatasubrahmanyam, K. 2180
Venkatesan, R.A. 3297

VENKATESWARA RAO-VENKATESHWAR RAO

Venkateswara Rao, Atyam 2320
Venkateswara Rao, B. 3497
Venkateshwar Rao, Jadcherla 2749
Venkateswara Rao, P. 574
Venkateswara Rao, P. 3423
Venkateswaran, R. 1182
Venkateswarlu, Bathula 2365
Venkateswerlu, G. 78
Venakateswarlu, Katari 3118
Venku Reddy, S. 2252
Verandar Kumar 2662
Verghese, P.U. 1110

VERMA-VARMA

Verma, Akhileshwari 1320
Verma, Anil Kumar 349
Verma, Bhola Nath 273
Verma, Brajendra Singh 3098
Verma, Dinesh Mohon 860
Verma, Gokul Prasad 2366
Verma, Govind Deo 2950
Verma, Jagdish Prasad 2682
Verma, Jugal Kishore 3036
Verma, Kanti Prasad 1106
Varma, Laxmi 1379
Verma, Madan Mohan 2540
Verma, Mahender Narayan 198
Verma, N.S. 2321

Verma, Narendra Pal Singh 3396
Verma, Om Singh 2253
Varma, Pradeep Kumar 3183
Verma, Rabindra Nath 922
Verma, Rajendra Singh 117
Verma, S.K. 1102
Verma, Seva Ram 1426
Verma, Shashi 3037
Verma, Sheela 451
Verma, Sneh Lata 1257
Varma, Surendra Mohan 1303
Varma, Surinder Kumar 2880
Verma, Urmila 1791
Verma, Vijay Kumar 542
Verma, Vipin Bihari 3498
Verma, Virendra Singh 2541
Verrappa, Kudlud Basappa 3085
Vidya Sagar 3373
Vidya Sagar Singh 2951
Vidyasekharan, P. 2881

VIG-VIJ

Vig, Abnash Chander 2796
Vig, Madan Mohan 3499
Vij, Suraj Parkash 810
Vijai Bahadur Singh 3220
Vijai Laxmi Singh 655
Vijai Pratap Singh 373
Vijai Pratap Singh 784
Vijai Pratap Singh 923
Vijai Singh 3205
Vijay Kumar 299
Vijay Kumar 633
Vijay Kumar 1904
Vijay Kumar 2663
Vijay Kumar, B. 79
Vijayagopal, B. 642
Vijayagopalan, P. 1772
Vijayakumar, N. 3206
Vijayakumar, Nirappel Kumaran 1068
Vijayalakshmi, K. 2700
Vijayambika Devi, V. 219
Vijayan, P.K. 3152
Vijayram Murti, Kannepalli 1366
Vijayshankar Singh 718
Vijendra Singh 861
Vikramaditya Singh 2750
Vimaladevi, M. 1905
Vinaya Kumar Singh 785
Vinayak, V.K. 1982
Vincy Kumar Singh 1061
Vinod Chandra 3296
Viraj 2675
Virdi, Gurdeep Singh 1107
Virendra Kumar 2710
Virendra Nath 300
Virendra Pratap Singh 3509
Vishnu Prasad 2729
Visvanathan, Chandramouli 1961
Vishwas Rao, Talari 881
Vishwanath Rai, C. 1103
Viswanath, D.P. 2751
Viswanath, Javali Rudrappa 1304
Viswanathan, N. 1400
Vital, B. Panduranga 924
Vivekanandan, M. 575
Vohra, Satchitananad 634
Vuppulari, S.N. 739
Vyas, Ghan Shyam 543
Vyas, Kantilal Jethalal 862
Vyas, Krishna Murari 719
Vyas, S.C. 2820
Vyas, Suresh Chandra 720
Wadhi, Shukhdev Raj 2952
Wadhya, C.K. 1485
Wadwa, Shashi Kant 222
Wagan, Ricardo A. 3336
Waghmare, Sevakram Kothiramji 2254
Wahal, Chander Kant 576
Wahi, Ranjit Singh 1773
Wankhede, Namdev Parasharam 3168
Waraitch, Karnail Singh 932
Warsi, Abdul Shakoor 3119
Wasi Hasan 3086
Wasnik, K.G. 2367
Wattal, Poshkar Nath 3087
Wilfred, G. 1774
Wycliffe, John 962
Y.P. Singh 2542
Y.P. Singh 2701

YADAV-YADAVA

Yadav, B.B. 1258
Yadav, Bhup Narain 1401
Yadav, D.C. 1599
Yadava, Dudh Nath 395
Yadav, Inder Jeet Singh 3240
Yadav, Jagdish Singh 396
Yadava, Jamuna Prasad 2255
Yadava, Joginder Singh 1545
Yadav, Mahendra Pal 3500
Yadav, Natversinh Keshrisinh 169
Yadav, Pancham Lal 3541
Yadav, Partap Singh 721
Yadav, Radhika Prasad 319

Yadav, Ram Karan 2195
Yadav, Satya Pal 2543
Yadav, Satya Prakash 786
Yadav, Tilak Dhari 3038
Yadgiri, B. 1122
Yadukulan, S. 1213
Yamdagni, Nalini 722
Yash Vir 374
Yashwant Singh 3397
Yazdani, Sayed Sohail 1662
Yogendra Narayan Singh 1104
Yusufi, Ahad Noor Khan 118

Z. Khatoon 1321
Zafar Iqbal 1793
Zaidi, Zaheer Sultana 1183
Zaman, Shireen M. 1546
Zeyaur Rehman, S.M. 1547
Ziauddin, Ahmed 2544